

2012 Speak Up: Surveys Taken By  
Districts in MI

District	K-2	G3-5	G6-8	G9-12	Student Totals	Teachers	Librarians	Parents	Dist Admin	Sch Admin	Tech Leaders
Michigan Virtual University	0	0	10	194	204	6	0	4	0	0	0
ACADEMY OF SACRED HEART	0	0	0	0	0	2	0	0	0	0	0
Educators – Michigan	0	0	0	0	0	1	0	0	0	0	0
ST. JOHN VIANNEY SCHOOL	0	28	0	0	28	2	0	0	0	0	0
19048-ACADEMIC AND CAREER EDUCATION ACADEMY	0	0	0	4	4	2	0	0	0	0	0
19424-ACADEMY OF LATHRUP VILLAGE	0	0	0	0	0	1	0	0	0	0	0
20053-ACE ACADEMY (SDA) - LINCOLN CENTER	0	0	0	0	0	1	0	0	0	0	0
18949-ADDISON COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19121-ADRIAN CITY SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19233-ALGONAC COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19396-ALLEGAN PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18961-ALLEN PARK PUBLIC SCHOOLS	0	0	0	0	0	0	0	0	0	1	0
19077-ALMONT COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19505-ANCHOR BAY SCHOOL DISTRICT	1	24	0	0	25	1	0	0	0	0	0
554-ANN ARBOR PUBLIC SCHOOLS	1	0	0	72	73	3	0	1	0	2	0

18975-ARMADA AREA SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18733-AVONDALE SCHOOL DISTRICT	0	0	147	0	147	1	0	0	0	0	0
18922-BANGOR TOWNSHIP SCHOOLS	0	0	0	2	2	0	0	0	1	0	0
19383-BARAGA AREA SCHOOLS	0	0	17	28	45	1	0	0	0	0	0
19163-BAY CITY SCHOOL DISTRICT	0	0	0	20	20	5	0	0	0	0	0
19105-BEDFORD PUBLIC SCHOOLS	0	49	13	0	62	5	0	0	0	0	0
19497-BEECHER COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19120-BELDING AREA SCHOOL DISTRICT	0	1	0	0	1	3	0	0	0	0	0
19207-BERKLEY SCHOOL DISTRICT	0	0	0	0	0	0	0	0	1	0	0
19093-BERRIEN SPRINGS PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19363-BIG RAPIDS PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19472-BIRCH RUN AREA SCHOOL DISTRICT	0	0	0	0	0	2	0	0	0	0	0
19188-BIRMINGHAM CITY SCHOOL DISTRICT	0	0	16	0	16	1	0	0	0	0	0
19150-BLOOMFIELD HILLS SCHOOL DISTRICT	0	0	2	0	2	1	0	0	1	0	0
18986-BLOOMINGDALE PUBLIC SCHOOL DISTRICT	0	0	0	0	0	0	0	0	1	0	0
18839-BRANDON SCHOOL DISTRICT	0	0	93	1	94	2	0	0	0	0	0

19267-BRANDYWINE COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18872-BRIGHTON AREA SCHOOLS	0	0	0	29	29	2	0	0	0	0	0
9026-BRONSON COMMUNITY SCHOOL DISTRICT	0	0	1	0	1	0	0	1	0	0	0
19331-BUCHANAN COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	1	0	0
19249-BULLOCK CREEK SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	1	0
18828-CADILLAC AREA PUBLIC SCHOOLS	0	25	0	0	25	1	0	0	0	1	0
19311-CALHOUN ISD	0	0	0	0	0	1	0	0	0	0	0
19014-CARMAN-AINSWORTH COMMUNITY SCHOOLS	0	0	9	0	9	1	0	0	0	0	0
19294-CASEVILLE PUBLIC SCHOOLS	0	1	0	0	1	1	0	0	0	0	0
19123-CENTRAL LAKE PUBLIC SCHOOLS	0	0	0	0	0	0	0	1	0	0	0
19168-CENTREVILLE PUBLIC SCHOOLS	0	0	77	0	77	2	0	0	0	0	0
18796-CHEBOYGAN-OTSEGO- PRESQUE ISLE ESD	0	0	0	0	0	1	0	0	0	0	0
19417-CHIPPEWA VALLEY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19128-CLARKSTON COMMUNITY SCHOOL DISTRICT	0	0	98	10	108	4	0	0	0	0	0
19066-CLAWSON CITY SCHOOL DISTRICT	0	0	0	0	0	0	1	0	1	0	0
19558-CLIMAX-SCOTTS COMMUNITY SCHOOLS	0	0	0	0	0	2	0	0	0	0	0

18908-COLDWATER COMMUNITY SCHOOLS	0	0	0	0	0	2	0	0	0	0	0
19146-COLOMA COMMUNITY SCHOOLS	0	0	0	15	15	1	0	0	0	0	0
19164-COMSTOCK PUBLIC SCHOOLS	0	0	0	24	24	1	0	0	0	0	0
18864-CONSTANTINE PUBLIC SCHOOL DISTRICT	0	0	0	10	10	1	0	0	0	2	0
19118-CORUNNA PUBLIC SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	1	0
18958-COUNTRYSIDE ACADEMY	0	0	0	0	0	0	0	0	0	1	0
19252-CRAWFORD AUSABLE SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19303-CREATIVE TECHNOLOGIES ACADEMY	0	0	0	8	8	1	0	0	1	0	0
18952-CRESTWOOD SCHOOL DISTRICT	0	0	1	0	1	1	0	0	0	0	0
19313-CROSS CREEK CHARTER ACADEMY	0	0	72	0	72	1	0	0	0	0	0
18856-CROSWELL-LEXINGTON COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18743-DAVISON COMMUNITY SCHOOLS	0	0	0	2	2	3	0	0	0	0	0
19060-DEARBORN CITY SCHOOL DISTRICT	0	0	0	4	4	7	0	0	1	0	0
19322-DELTA-SCHOOLCRAFT ISD	0	0	0	0	0	0	0	0	1	0	0
562-DETROIT CITY SCHOOL DISTRICT	28	30	90	63	211	36	2	0	1	11	0
18714-DEWITT PUBLIC SCHOOLS	0	27	0	0	27	1	0	0	0	0	0

19526-DOWAGIAC UNION SCHOOL DISTRICT	0	0	0	0	0	0	0	0	1	0	0
18822-DR. CHARLES DREW ACADEMY	0	0	0	1	1	0	0	0	0	0	0
18988-DUNDEE COMMUNITY SCHOOLS	0	0	1	0	1	1	0	0	0	0	0
19226-DURAND AREA SCHOOLS	0	0	0	0	0	0	0	0	1	0	0
19624-EAGLE CREEK EDUCATION FUND	0	0	0	0	0	1	0	0	0	0	0
18871-EAGLE CREST CHARTER ACADEMY	0	0	0	0	0	1	0	0	0	0	0
18976-EAST CHINA SCHOOL DISTRICT	0	27	0	0	27	2	0	0	0	0	0
19409-EAST DETROIT PUBLIC SCHOOLS	0	66	0	15	81	6	0	0	1	1	0
19372-EAST GRAND RAPIDS PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19006-EASTERN WASHTENAW MULTICULTURAL ACADEMY	0	0	0	0	0	0	0	0	1	0	0
19350-EATON RAPIDS PUBLIC SCHOOLS	0	26	0	0	26	1	0	0	0	0	0
19392-EAU CLAIRE PUBLIC SCHOOLS	0	0	15	0	15	1	0	0	0	0	0
19354-ECORSE PUBLIC SCHOOL DISTRICT	0	1	0	0	1	1	0	0	0	0	0
19192-ENDEAVOR CHARTER ACADEMY	0	0	0	0	0	0	1	0	0	0	0
19877-ESCANABA SDA ELEMENTARY SCHOOL	0	0	0	0	0	1	0	0	0	0	0
19113-FARMINGTON PUBLIC SCHOOL DISTRICT	0	0	0	5	5	1	0	1	0	0	0





18840-HOLTON PUBLIC SCHOOLS	0	0	0	0	0	2	0	1	0	0	0
19458-HOUGHTON LAKE COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19147-HOWELL PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19343-HUDSON AREA SCHOOLS	0	0	0	1	1	1	0	0	0	0	0
19376-HUDSONVILLE PUBLIC SCHOOL DISTRICT	0	23	0	0	23	1	0	0	0	0	0
19308-HURON INTERMEDIATE SCHOOL DISTRICT	0	0	0	0	0	2	0	0	0	0	0
18883-HURON VALLEY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19024-IMLAY CITY COMMUNITY SCHOOLS	0	124	0	0	124	5	0	0	0	0	0
19359-INGHAM ISD	0	0	0	0	0	1	0	0	0	0	0
19388-IRON MOUNTAIN PUBLIC SCHOOLS	0	0	26	71	97	2	0	0	0	0	0
19124-JACKSON PUBLIC SCHOOLS	0	0	0	84	84	1	0	0	0	1	0
19230-JEFFERSON SCHOOLS (MONROE)	0	0	0	0	0	0	0	0	1	0	0
19219-JENISON PUBLIC SCHOOLS	0	0	0	0	0	0	0	0	0	0	1
18881-JOY PREPARATORY ACADEMY	0	0	0	0	0	0	0	0	0	1	0
19675-KALAMAZOO CHRISTIAN MIDDLE SCHOOL	0	0	0	0	0	1	0	0	0	0	0
19092-KALAMAZOO PUBLIC SCHOOL DISTRICT	0	43	0	71	114	10	0	0	0	0	0
19549-KALKASKA PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0

19063-KELLOGGSVILLE PUBLIC SCHOOLS	0	0	33	0	33	1	0	0	0	0	0
582-KENT ISD	0	0	0	55	55	11	0	0	0	0	0
18934-LAKE LINDEN-HUBBELL SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
18717-LAKE ORION COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18896-LAKE SHORE PUBLIC SCHOOLS (MACOMB)	0	0	0	0	0	2	0	0	0	0	0
19047-LAKESHORE PUBLIC SCHOOL	0	0	6	0	6	1	0	0	0	0	0
19553-LAKEVIEW PUBLIC SCHOOLS (MACOMB)	23	0	0	0	23	4	0	1	0	0	0
18956-LAKEVIEW SCH. DISTRICT (CALHOUN)	0	0	0	1	1	2	0	0	0	0	0
18715-LAKEWOOD PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18799-LAMPHERE PUBLIC SCHOOLS	0	0	0	11	11	1	0	0	0	0	0
19122-LANSING PUBLIC SCHOOL DISTRICT	18	13	0	2	33	9	0	1	0	0	0
19927-LENAWEE CHRISTIAN SCHOOL	0	0	0	34	34	1	0	0	0	0	0
19067-LIVONIA PUBLIC SCHOOLS	1	0	0	0	1	5	0	1	0	1	0
19814-LUTHERAN HIGH SCHOOL NORTHWEST	0	0	0	35	35	1	0	0	0	0	0
19390-MACKINAC ISLAND PUBLIC SCHOOLS	0	9	0	0	9	1	0	0	0	0	0
18878-MACOMB INTERMEDIATE SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	3	0
18892-MADISON ACADEMY	0	0	0	0	0	2	0	0	0	0	0



18768-MILAN AREA SCHOOLS	0	0	0	0	0	0	0	1	0	1	0
18773-MONA SHORES PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19007-MONROE PUBLIC SCHOOLS	0	0	0	0	0	4	0	0	0	0	0
19501-MONTAGUE AREA PUBLIC SCHOOLS	0	1	0	0	1	1	0	0	0	0	0
19275-MORENCI AREA SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19172-MT. PLEASANT CITY SCHOOL DISTRICT	0	0	0	0	0	15	1	4	3	1	0
19053-MUSKEGON AREA ISD	0	0	0	0	0	1	0	0	0	0	0
19087-MUSKEGON CITY SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19451-NATAKI TALIBAH SCHOOLHOUSE OF DETROIT	0	0	0	0	0	0	0	0	1	0	0
18957-NEGAUNEE PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19446-NEW BRANCHES SCHOOL	0	0	0	0	0	1	0	0	0	0	0
18890-NILES COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	2	0	0	0	0	0
19450-NORTH BRANCH AREA SCHOOLS	0	0	31	0	31	1	0	0	0	0	0
18819-NORTH SAGINAW CHARTER ACADEMY	12	0	0	0	12	1	0	0	0	0	0
19237-NORTHVIEW PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
18858-NORTHWEST COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19516-NOVI COMMUNITY SCHOOL DISTRICT	0	19	3	11	33	4	1	0	0	0	0

19008-OAKRIDGE PUBLIC SCHOOLS	0	0	0	0	0	2	0	0	0	0	0
18727-OJIBWE CHARTER SCHOOL	0	0	0	1	1	1	0	0	0	0	0
19025-OKEMOS PUBLIC SCHOOLS	0	0	1	0	1	0	0	0	0	0	0
19161-OLIVET COMMUNITY SCHOOLS	0	0	0	1	1	1	0	0	0	0	0
19250-ONAWAY AREA COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19081-OTSEGO PUBLIC SCHOOLS	0	0	0	0	0	1	1	0	0	0	0
19524-OWOSSO PUBLIC SCHOOLS	1	0	0	0	1	0	0	0	0	0	0
19016-PAW PAW PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	1	0	0	0
18865-PEWAMO-WESTPHALIA COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18801-PICKFORD PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19529-PINE RIVER AREA SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18738-PLYMOUTH EDUCATIONAL CENTER	0	0	0	0	0	1	0	0	0	0	0
19114-PLYMOUTH-CANTON COMMUNITY SCHOOLS	0	13	0	0	13	3	0	1	0	0	1
18809-PONTIAC ACADEMY FOR EXCELLENCE	0	0	0	0	0	1	0	0	0	0	0
19088-PORT HURON AREA SCHOOL DISTRICT	0	0	160	0	160	2	0	0	0	0	0
18926-PORTAGE PUBLIC SCHOOLS	1	0	0	0	1	2	0	0	0	0	0

18782-PORTLAND PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	1	0
19264-REDFORD UNION SCHOOL DISTRICT NO 1	0	0	0	0	0	2	0	0	0	0	0
18894-REESE PUBLIC SCHOOLS	0	0	58	0	58	1	0	1	0	0	0
18863-RIVERSIDE ACADEMY	0	0	0	0	0	2	0	0	0	0	0
19429-RIVERVIEW COMMUNITY SCHOOL DISTRICT	0	0	0	43	43	1	0	0	0	0	0
19476-ROCHESTER COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	4	0	1	0	0	0
18964-ROMEIO COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19099-ROSEVILLE COMMUNITY SCHOOLS	0	0	0	0	0	2	0	0	0	0	0
19173-SAGINAW CITY SCHOOL DISTRICT	15	31	0	0	46	3	0	0	0	0	0
19051-SAGINAW TOWNSHIP COMMUNITY SCHOOLS	0	0	0	0	0	0	0	0	0	2	0
18915-SALINE AREA SCHOOLS	0	0	0	1	1	1	0	0	0	0	0
19263-SCHOOL DISTRICT OF THE CITY OF ROYAL OAK	0	0	0	0	0	1	0	0	1	0	0
19481-SCHOOL DISTRICT OF YPSILANTI	1	0	0	15	16	6	0	0	0	1	0
19017-SHEPHERD PUBLIC SCHOOL DISTRICT	0	0	0	0	0	0	0	0	1	0	0
18783-SOUTH LAKE SCHOOLS	22	4	0	0	26	2	0	0	1	1	0
18771-SOUTH LYON COMMUNITY SCHOOLS	8	0	0	0	8	1	0	0	1	1	0
19490-SOUTH REDFORD SCHOOL DISTRICT	0	0	0	69	69	4	0	0	0	0	0

19335-SOUTHFIELD PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	1	0	0
19068-SOUTHGATE COMMUNITY SCHOOL DISTRICT	25	0	1	146	172	10	0	1	0	0	0
19379-ST. CLAIR COUNTY RESA	0	0	0	0	0	1	0	0	0	0	0
18870-ST. JOSEPH PUBLIC SCHOOLS	0	0	0	20	20	1	0	0	0	0	0
18994-STOCKBRIDGE COMMUNITY SCHOOLS	0	0	0	40	40	1	0	0	0	0	0
18746-STURGIS PUBLIC SCHOOLS	0	0	49	0	49	2	0	0	0	0	0
19002-SUMMIT ACADEMY	0	0	0	0	0	1	0	0	1	0	0
19546-SUMMIT ACADEMY NORTH	0	0	2	3	5	0	0	0	0	0	0
19117-SWARTZ CREEK COMMUNITY SCHOOLS	0	4	0	0	4	1	0	0	0	0	0
19487-TAHQUAMENON AREA SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19420-TAYLOR EXEMPLAR ACADEMY	1	0	0	0	1	0	0	0	0	0	0
19402-TAYLOR SCHOOL DISTRICT	1	0	0	75	76	1	0	0	0	0	0
19101-THREE RIVERS COMMUNITY SCHOOLS	0	0	0	0	0	3	0	1	0	0	0
19514-TRAVERSE BAY AREA ISD	0	0	0	0	0	1	0	0	0	0	0
19104-TRAVERSE CITY AREA PUBLIC SCHOOLS	0	0	0	0	0	2	0	0	0	0	0
18754-UNION CITY COMMUNITY SCHOOLS	0	0	73	0	73	2	0	0	0	0	0
580-UNIONVILLE-SEBEWAING AREA S.D.	0	0	0	50	50	14	1	11	0	1	1

18936-UNIVERSAL ACADEMY	0	0	0	0	0	0	0	0	0	1	0
19190-UTICA COMMUNITY SCHOOLS	0	0	0	0	0	4	0	0	0	0	0
19539-VAN BUREN ISD	0	0	0	0	0	1	0	0	0	0	0
19336-VAN BUREN PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18962-VAN DYKE PUBLIC SCHOOLS	0	1	0	0	1	2	1	0	1	0	0
18825-VANDERBILT CHARTER ACADEMY	0	0	0	0	0	2	0	0	0	0	0
18757-VANDERCOOK LAKE PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19171-VISTA CHARTER ACADEMY	0	0	0	0	0	1	0	0	0	0	0
19324-WALTON CHARTER ACADEMY	0	0	0	0	0	0	1	0	0	0	0
19426-WARREN CONSOLIDATED SCHOOLS	0	0	0	0	0	1	0	0	0	1	0
19554-WASHTENAW ISD	0	0	0	0	0	1	0	0	0	0	0
19544-WATERFORD SCHOOL DISTRICT	0	1	0	0	1	1	0	0	0	0	0
19410-WATERVLIET PUBLIC SCHHOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19108-WAYNE COUNTY	0	0	0	9	9	1	0	0	0	0	0
19258-WEST BLOOMFIELD SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0
19210-WEST BRANCH-ROSE CITY AREA SCHOOLS	0	0	0	0	0	0	0	0	1	0	0
18753-WEST OTTAWA PUBLIC SCHOOL DISTRICT	0	0	0	0	0	4	0	0	0	0	0
18897-WESTERN SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0	0

18960-WHITE CLOUD PUBLIC SCHOOLS	0	0	0	0	0	1	0	1	0	0	0
19463-WHITEHALL DISTRICT SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
18813-WILLIAM C. ABNEY ACADEMY	2	1	0	0	3	2	0	0	0	0	0
19204-WILLIAMSTON COMMUNITY SCHOOLS	0	0	0	0	0	1	0	1	0	0	0
19431-WOODHAVEN-BROWNSTOWN SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	1	0
19348-WYOMING PUBLIC SCHOOLS	1	0	0	0	1	1	0	0	0	0	0
18726-YALE PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0	0
19498-ZEELAND PUBLIC SCHOOLS	0	0	0	1	1	1	0	0	0	0	0
<b>Totals:</b>	<b>164</b>	<b>671</b>	<b>1,281</b>	<b>1,465</b>	<b>3,581</b>	<b>444</b>	<b>15</b>	<b>42</b>	<b>36</b>	<b>52</b>	<b>4</b>

State: MI

Results based on 99 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What grade are you in?**

Response	# of Responses	% of Responses	National %
Preschool	3	3%	1%
Kindergarten	39	42%	9%
Grade 1	28	30%	23%
Grade 2	22	24%	67%

**2 Are you a...**

Response	# of Responses	% of Responses	National %
Girl	47	52%	50%
Boy	44	48%	50%

**3 Thinking about others in your class, do you...**

Response	# of Responses	% of Responses	National %
Know more than other students about technology	20	22%	31%
Know about the same as other students about technology	43	47%	48%
Know less than other students about technology	28	31%	22%

**4 Which of these things do you have for your own use? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Cell phone (no Internet)	15	19%	19%
Smartphone like an iPhone or Droid	6	8%	18%
Laptop	28	35%	41%
Tablet computer (such as iPad)	19	24%	26%
My school gave me a laptop or tablet to use	4	5%	12%
Digital Reader (such as: Kindle, Nook)	6	8%	12%
MP3 player or iPod	30	38%	34%
Other	25	32%	20%

**5 What kind of computer do you use outside of school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
A home computer with no Internet	9	10%	12%
A home computer with slow Internet	32	35%	28%
A home computer with fast Internet	32	35%	50%
I only use the computer at a library or an after school program	5	5%	7%
I only use the computer at my school	15	16%	18%
I use the TV to get to the Internet	3	3%	9%

**6 How often do you use the computer at your home?**

Response	# of Responses	% of Responses	National %
Every day	30	33%	31%
A few days a week	28	31%	28%
A few days a month	6	7%	10%
Never	9	10%	8%
I don't know	14	15%	14%
I don't have a computer that I can use at home	4	4%	9%

**7 How often do you use the computers at your school?**

Response	# of Responses	% of Responses	National %
Every day	11	12%	25%
A few days a week	62	68%	50%
A few days a month	8	9%	12%
Never	1	1%	4%
I don't know	9	10%	9%

**8 How do you use computers for schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Check on my grades	8	9%	16%
Complete writing assignments	5	5%	16%
Create a PowerPoint	5	5%	12%
Do online experiments for science	6	7%	9%
Email or text message my classmates	1	1%	4%
Email or text message my teacher	1	1%	5%
Listen to books being read out loud	34	37%	37%
Look up information on the Internet	9	10%	27%
Play learning games	64	70%	66%
Send my homework to my teacher	5	5%	5%
Take tests on the computer	18	20%	41%
Use an online textbook	3	3%	6%
Watch online videos	21	23%	36%
None of the above	6	7%	7%

**9 How do you use the Internet outside of school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Make videos to post online (YouTube)	6	7%	14%
Play in virtual worlds like JumpStart, Club Penguin or Webkinz	19	22%	29%
Play video or online games	47	54%	54%
Send e-mails	6	7%	8%
Share photos	5	6%	12%
Talk to other people online (like Skype)	7	8%	18%
To learn things from websites	12	14%	25%
Update my profile on websites like JumpStart, Club Penguin or Webkinz	9	10%	12%
Watch online videos	21	24%	32%

Watch TV shows online	14	16%	29%
Write for a blog (like a journal)	4	5%	6%
I don't use the Internet outside of school	8	9%	12%
None of the above	11	13%	9%

**10 How would you use your own smartphone (iPhone, Droid, Blackberry) or tablet computer (iPad) for schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Check my grades	11	13%	24%
Find out about things at school	6	7%	24%
Help others in my class	10	12%	24%
Go to my teacher's website	4	5%	15%
Make a video	6	7%	25%
Play learning games	44	51%	54%
Read my online textbook	8	9%	14%
Receive reminders about my homework or tests	6	7%	15%
Send my homework to my teacher	6	7%	14%
Text message my classmates	6	7%	16%
Text message my teacher	4	5%	12%
Use the calculator	8	9%	23%
Use the calendar	5	6%	23%
Use the Internet to learn about something	10	12%	28%
None of the above	32	37%	20%

**11 Which of these would make learning science more fun for you? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Doing science experiments	47	57%	61%
Doing science projects with my classmates	39	48%	52%
Going on science field trips	49	60%	59%
Going to science websites	26	32%	37%
Having scientists come to our class	33	40%	46%
Playing online or computer science games	43	52%	52%
Using a smartphone or tablet computer in class	17	21%	32%
Watching online science videos	19	23%	42%
Watching TV shows about science	22	27%	42%
None of these	2	2%	5%
Other	3	4%	6%

**12 Read these sentences. Check the box if you agree with them. (Check all that apply)**

Response	# of Responses	% of Responses	National %
I am a good student	72	86%	79%
I don't like school	9	11%	13%
I feel safe at school	64	76%	64%
I have good friends at school	68	81%	72%
I know how to be safe when I am on the Internet	48	57%	49%
I like my teacher	68	81%	72%
I like reading books on the computer	45	54%	48%

I like school	62	74%	65%
I wish we could use more technology at school	39	46%	49%
My parents ask me questions about school	52	62%	54%
My teacher cares about me	63	75%	63%
Sometimes school is hard for me	36	43%	47%
Sometimes school is boring	26	31%	27%

**13 Pretend you are building a new school. What would you include in that new school for kids to use? (Check all that apply)**

Response	# of Responses	% of Responses	National %
A laptop for every student to use at school	47	59%	70%
A tablet computer for every student to use at school	33	42%	59%
Ability to use my own smartphone or tablet computer at school	20	25%	49%
Ability to use the Internet anywhere at school	40	51%	52%
Digital reader (like a Kindle or Nook)	30	38%	46%
Email and text messaging	19	24%	37%
High speed color printer	25	32%	52%
Interactive whiteboards (such as: Smartboard, Polyvision)	28	35%	47%
Online classes	19	24%	41%
Online, computer and video games	30	38%	53%
Online textbooks	15	19%	39%
Online tutors	17	22%	36%
School website or portal	24	30%	42%
Tools to create videos	22	28%	44%
Tools to help me organize my schoolwork	24	30%	47%
Tools to work with others (such as: blogs, wikis, GOOGLE Docs, etc )	16	20%	39%
Other	3	4%	13%

State: MI

Results based on 65 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

*Please note: The K-2 Group survey required the survey taker to enter the total number of students responding to each of the questions. In an effort to include all student responses, we reviewed all of the non-numeric responses and assigned the appropriate values. In cases where we could not ascertain the group count, we assigned a value of 1. If you have specific questions about your group survey, please contact our office at [speakup@tomorrow.org](mailto:speakup@tomorrow.org)*

**1 What grade are you in? (one response per student)**

Response	# of Responses	% of Responses	National %
Preschool	0	0%	1%
Kindergarten	22	34%	29%
Grade 1	18	28%	34%
Grade 2	25	38%	34%

**2 Are you a... (one response per student)**

Response	# of Responses	% of Responses	National %
Girl	41	63%	46%
Boy	24	37%	50%

**3 Thinking about others in your class, do you... (one response per student)**

Response	# of Responses	% of Responses	National %
Know more than other students about technology	19	29%	35%
Know about the same as other students about technology	31	48%	38%
Know less than other students about technology	16	25%	18%

**4 Which of these things do you have for your own use? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
Cell phone (no Internet)	2	3%	20%
Smartphone like an iPhone or Droid	11	17%	18%
Laptop	10	15%	35%
Tablet computer (such as iPad)	15	23%	29%
My school gave me a laptop or tablet to use	0	0%	9%
Digital reader (such as: Kindle, Nook)	2	3%	16%
MP3 player or iPod	20	31%	37%
Other	3	5%	5%

**5 What kind of computer do you use outside of school? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
A home computer with no Internet	5	8%	11%
A home computer with slow Internet	10	15%	20%
A home computer with fast Internet	35	54%	47%
I use the TV to get to the Internet	0	0%	10%

I only use the Internet at the library or an afterschool program 0 0% 7%

I only use a computer at my school 15 23% 17%

**6 How often do you use the computer at your home? (one response per student)**

Response	# of Responses	% of Responses	National %
Every day	18	28%	31%
A few days a week	27	42%	29%
A few days a month	0	0%	9%
Never	15	23%	7%
I don't know	2	3%	6%
I don't have a computer that I can use at home	3	5%	7%

**7 How often do you use the computers at your school? (one response per student)**

Response	# of Responses	% of Responses	National %
Every day	12	18%	28%
A few days a week	53	82%	49%
A few days a month	0	0%	12%
Never	0	0%	1%
I don't know	0	0%	2%

**8 How do you use computers for schoolwork? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
Check on my grades	0	0%	6%
Complete writing assignments	0	0%	12%
Create a PowerPoint	0	0%	8%
Do online experiments for science	0	0%	4%
Email or text message my classmates	2	3%	3%
Email or text message my teacher	0	0%	3%
Listen to books being read out loud	40	62%	50%
Look up information on the Internet	7	11%	31%
Play learning games	55	85%	76%
Send my homework to my teacher	0	0%	1%
Take tests on the computer	25	38%	40%
Use an online textbook	0	0%	9%
Watch online videos	33	51%	51%
None of the above	0	0%	1%

**9 How do you use the Internet outside of school? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
Make videos to post online (YouTube)	17	26%	7%
Play in virtual worlds like JumpStart, Club Penguin or Webkinz	17	26%	30%
Play video or online games	35	54%	54%
Send e-mails	6	9%	8%
Share photos	3	5%	10%
Talk to other people online (like Skype)	3	5%	17%

To learn things from websites	17	26%	27%
Update my profile on websites like JumpStart, Club Penguin or Webkinz	0	0%	11%
Watch online videos	29	45%	40%
Watch TV shows online	13	20%	25%
Write for a blog (like a journal)	0	0%	1%
I don't use the Internet outside of school	13	20%	8%
None of the above	2	3%	2%

**10 How would you like to use a smartphone (iPhone, Droid) or tablet computer (iPad) for schoolwork? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
Check my grades	0	0%	16%
Find out about things at school	0	0%	26%
Go to my teacher's website	0	0%	25%
Help others in my class	0	0%	28%
Make a video	0	0%	30%
Play learning games	47	72%	60%
Read my online textbook	0	0%	19%
Receive reminders about my homework and tests	0	0%	17%
Send my homework to my teacher	0	0%	19%
Text message my classmates	25	38%	25%
Text message my teacher	0	0%	23%
Use the calculator	25	38%	25%
Use the calendar	0	0%	23%
Use the Internet to learn about something	25	38%	37%
None of the above	18	28%	4%

**11 Which of these would make learning science more fun for you? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
Doing science experiments	45	69%	54%
Doing science projects with my classmates	46	71%	50%
Going on science field trips	61	94%	66%
Going to science websites	20	31%	39%
Having scientists come to our class	32	49%	58%
Playing online or computer science games	39	60%	54%
Using a smartphone or tablet computer in class	30	46%	45%
Watching online science videos	35	54%	49%
Watching TV shows about science	30	46%	46%
None of these	0	0%	2%
Other	0	0%	1%

**12 Read these sentences. Check the box if you agree with them. (student may answer more than once)**

Response	# of Responses	% of Responses	National %
I am a good student	65	100%	76%

I don't like school	8	12%	16%
I have good friends at school	57	88%	77%
I feel safe at school	64	98%	72%
I know how to be safe when I am on the Internet	36	55%	54%
I like my teacher	64	98%	79%
I like reading books on the computer	49	75%	51%
I like school	57	88%	66%
I wish we could use more technology at school	53	82%	62%
My parents ask me questions about school	48	74%	63%
My teacher cares about me	65	100%	75%
Sometimes school is boring	43	66%	36%
Sometimes school is hard for me	39	60%	42%

**13 Pretend you are building a new school. What would you include in that new school for kids to use? (student may answer more than once)**

Response	# of Responses	% of Responses	National %
A laptop for every student to use at school	61	94%	66%
A tablet computer for every student to use at school	59	91%	58%
Ability to use my own smartphone or tablet computer at school	30	46%	44%
Ability to use the Internet anywhere at school	37	57%	53%
Digital reader (like a Kindle or Nook)	21	32%	40%
Email and text messaging	32	49%	33%
High speed color printer	25	38%	44%
Interactive whiteboards (such as: Smartboard, Polyvision)	51	78%	50%
Online classes	6	9%	21%
Online, computer and video games	59	91%	53%
Online textbooks	6	9%	29%
Online tutors	27	42%	24%
School website or portal	6	9%	31%
Tools to create videos	25	38%	35%
Tools to help me organize my schoolwork	26	40%	27%
Tools to work with others (blogs, wikis, GOOGLE Docs, etc )	25	38%	20%
Other	0	0%	2%

State: MI

Results based on 671 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What grade are you in?**

Response	# of Responses	% of Responses	National %
Grade 3	163	25%	28%
Grade 4	261	40%	34%
Grade 5	234	36%	38%

**2 Are you a...**

Response	# of Responses	% of Responses	National %
Girl	314	49%	50%
Boy	330	51%	50%

**3 Thinking about the other students in your class, do you...**

Response	# of Responses	% of Responses	National %
Response	159	25%	24%
Know about the same as other students about technology	358	55%	60%
Know less than other students about technology	131	20%	16%

**4 Tell us about the mobile devices that you use. These can be devices that are your own (or provided to you by your family) or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	256	42%	41%
Self or family provided - used at school	36	6%	6%
School provided - cannot take it home	18	3%	3%
School provided - can take it home	23	4%	4%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	215	35%	40%
Self or family provided - used at school	21	3%	5%
School provided - cannot take it home	14	2%	3%
School provided - can take it home	19	3%	3%

**Laptop**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	328	53%	54%
Self or family provided - used at school	46	7%	10%
School provided - cannot take it home	98	16%	22%

School provided - can take it home	28	5%	6%
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**Netbook**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	82	13%	16%
Self or family provided - used at school	35	6%	6%
School provided - cannot take it home	51	8%	9%
School provided - can take it home	25	4%	4%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	227	37%	40%
Self or family provided - used at school	28	5%	7%
School provided - cannot take it home	55	9%	11%
School provided - can take it home	17	3%	6%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	166	27%	30%
Self or family provided - used at school	26	4%	6%
School provided - cannot take it home	16	3%	4%
School provided - can take it home	11	2%	3%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	345	56%	57%
Self or family provided - used at school	44	7%	7%
School provided - cannot take it home	14	2%	5%
School provided - can take it home	17	3%	4%

5

**At home, do you have a computer?**

Response	# of Responses	% of Responses	National %
Yes, but it does not have the Internet	79	12%	9%
Yes, and it has slow Internet (dial-up)	168	26%	26%
Yes, and it has fast Internet (such as: DSL, cable, Broadband)	298	46%	54%
I use a smartphone or tablet at home to go to the Internet	77	12%	19%
I use our TV to go to the Internet	31	5%	7%
No, I only use the Internet at the library or my afterschool program	29	4%	3%
No, I only use a computer or the Internet at school	70	11%	8%

6

**How often do you use the computers at your school?**

Response	# of Responses	% of Responses	National %
Every day	238	38%	17%
A couple of days a week	262	42%	54%
A couple of days a month	67	11%	14%
Never	10	2%	2%
I don't know	53	8%	13%

**7 How do you use technology for schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Check on my grades	176	28%	32%
Complete writing assignments	228	36%	39%
Create a Powerpoint	107	17%	34%
Do online experiments for science	55	9%	16%
Email or text message my teacher	51	8%	13%
Email or text message other students	55	9%	14%
Get help from an online tutor	26	4%	5%
Listen to a podcast for class	16	3%	6%
Play educational games	353	56%	61%
Post to blogs or wikis (like a journal)	22	4%	8%
Take a class online	22	4%	5%
Take tests online	257	41%	42%
Upload homework to school portal	32	5%	7%
Use online textbooks	77	12%	14%
Use the Internet for research	278	44%	58%
Watch a video created by my teacher to help with my homework	59	9%	12%
Watch an online video to help with my homework	115	18%	20%
None of the above	67	11%	7%

**8 How often do you use resources or content from the Internet to help you with your schoolwork?**

Response	# of Responses	% of Responses	National %
Every day	103	17%	12%
A couple of days a week	205	33%	32%
A couple of days a month	107	17%	18%
Never	71	11%	13%
I don't know	138	22%	24%

**9 What keeps you from using technology at your school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Computers are not always available or easy to get to	241	39%	39%
I am unable to access the Internet	44	7%	8%
I cannot access my personal email account	107	17%	12%
I cannot use text messaging at school	158	25%	21%
I cannot use my own laptop at school	145	23%	24%
I cannot use my own cell phone, smartphone, tablet computer or MP3 player at school	177	29%	32%
Internet is too slow	92	15%	13%
My school blocks websites I need	78	13%	15%
None of the above	135	22%	22%
Other	60	10%	14%

**10 What could your school do to make it easier to use technology? (Check all that apply)**

Response	# of Responses	% of Responses	National %
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Let me access the school network from home or school	194	31%	29%
Let me access the websites I need	172	28%	34%
Let me get to my schoolwork online from home	157	25%	28%
Let me recharge my mobile devices at school	80	13%	16%
Let me use my own cell phone, smartphone, tablet computer or MP3 player	173	28%	31%
Let me use my own laptop at school	123	20%	25%
Make it easy to get to the Internet	176	28%	30%
Provide me a laptop that I can use at school	165	27%	28%
Provide me with a tablet that I can use at school	158	25%	29%
Provide tools for me to communicate with my teacher(s) at anytime	116	19%	21%
Provide tools for me to organize my work	127	20%	25%
Provide tools so I can email or text my classmates	93	15%	19%
Provide tools to make it easy to work with each other at school	119	19%	22%
Nothing - I like the way things are	128	21%	18%
Other	38	6%	8%

11

**If it was allowed at school, how would you use a mobile device like a smartphone or tablet computer for your schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Check my grades	329	53%	55%
Create a video in my class	168	27%	27%
Email or text message my classmates	145	24%	27%
Email or text message my teacher	126	20%	24%
Find out about things going on at school	255	41%	44%
Go to my teacher's website or school portal	141	23%	26%
Help other students in my class	268	43%	45%
Learn about activities at school	246	40%	43%
Look up information on the internet	304	49%	55%
Play educational games	354	57%	56%
Read my online textbook	182	29%	30%
Receive reminders and alerts about tests and homework	266	43%	45%
Send homework to my teacher	195	32%	34%
Take notes in class	269	44%	49%
Use the calculator	267	43%	41%
Use the calendar	222	36%	37%
Video a lesson so I can watch it later	179	29%	32%
Work on projects with my classmates	226	37%	44%
Write papers or do homework	263	43%	45%

12

**Would you like to take an online class for school?**

Response	# of Responses	% of Responses	National %
Yes	154	25%	26%
No	188	30%	27%

Maybe	146	24%	25%
Not sure	87	14%	15%
I don't know what that is	42	7%	7%

**13 How do you use the Internet outside of school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Create videos to post online (such as on YouTube)	141	23%	19%
Do Internet research on things that interest me	251	40%	47%
Watch TV shows online	269	43%	42%
Play in virtual worlds like JumpStart, Club Penguin or Webkinz	250	40%	39%
Play video or online games	381	61%	60%
Send e-mails	125	20%	24%
Send text messages to my family	170	27%	28%
Send text messages to my friends	174	28%	31%
Share photos	154	25%	27%
Talk to others through the Internet (such as through Skype)	179	29%	31%
Update my profile on websites like JumpStart, Club Penguin, or Webkinz	146	24%	22%
Watch videos	292	47%	51%
Write for a blog (like a journal, etc.)	68	11%	13%
I don't use the Internet outside of school	49	8%	7%
None of the above	50	8%	7%

**14 When you grow up, would you like a job that uses science, math or computers?**

Response	# of Responses	% of Responses	National %
No, those sound too hard	28	5%	4%
No, I like other things better	95	15%	15%
Maybe, I would like to know more about them	104	17%	15%
Yes, I am a little interested in a job like that	112	18%	16%
Yes, I am very interested in a job like that	108	18%	20%
No, I'm interested in other jobs	97	16%	17%
Other	72	12%	13%

**15 How would you like to learn more about future jobs and careers? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Attend a summer camp	113	19%	22%
Attend an after school program	146	24%	26%
Find information on a website	257	43%	46%
Have people from those jobs talk to us at school	234	39%	44%
Join a science or math competition (for example, a science fair)	127	21%	24%
Play an online game where I am working in the career	223	37%	40%
Watch online videos about different jobs	184	31%	36%
Take a tour of the company or an office	163	27%	33%
Take an online class	121	20%	23%
Use a mobile application to explore careers	98	16%	22%

Use the same tools in my classroom that adults use at work	109	18%	20%
Other	54	9%	10%

**16 Which of these would help you be more successful in learning science? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Being able to text my teacher with my questions in class	181	30%	32%
Getting out of the class to see science in action	211	35%	39%
Having a science website that could help me with my homework	266	44%	50%
Having access to an online science tutor	129	22%	22%
Having scientists come to our classroom	261	44%	50%
Learning from a teacher who is excited about science	203	34%	35%
Playing online or computer based science games	284	47%	48%
Reading my science textbook	154	26%	28%
Solving real-world problems using science	168	28%	29%
Taking an online science class	131	22%	22%
Using a mobile device in class	147	25%	27%
Using an online textbook	100	17%	20%
Watching online videos about science	206	34%	41%
Watching TV shows about science	231	39%	39%
Working on science experiments with my classmates	261	44%	49%
None of the above	41	7%	5%
Other	47	8%	6%

**17 Read these sentences. Check the box if you agree with them. (Check all that apply)**

Response	# of Responses	% of Responses	National %
Homework helps me practice what I have learned	369	62%	66%
I am doing well in school	376	63%	66%
I am having problems with my school work	120	20%	19%
I am worried about my future	133	22%	22%
I don't like school	122	21%	18%
I feel I am prepared to do well in school	297	50%	54%
I feel safe at school	346	58%	60%
I know how to be safe when using the Internet	307	52%	58%
I like what I'm learning in school	331	56%	54%
I prefer to do schoolwork reading using a digital reader, tablet or on the computer	215	36%	42%
I prefer to do schoolwork reading using a printed book	105	18%	18%
I think my school cares about me	283	48%	51%
I want to work hard	316	53%	55%
I wish my classes were more interesting	177	30%	28%
My grades don't match what I know	80	13%	14%
My parents are very involved in my education	236	40%	43%
Teachers or my parents want me to do well in school	350	59%	59%
There is at least one adult at school that I can talk to about problems	236	40%	41%

**18 What if you no longer had access to the Internet anywhere for a month? Would that have a negative impact on your life? (Check all that apply)**

Response	# of Responses	% of Responses	National %
That would have a large negative impact on my personal life	156	27%	27%
That would have some negative impact on my personal life but I think I could make it work	141	24%	28%
That would have no impact on my personal life	134	23%	19%
That would have a large negative impact on my schoolwork	110	19%	18%
That would have some impact on my schoolwork but I think I could make it work	115	20%	23%
That would have no impact on my schoolwork	91	16%	15%
I am not sure	160	28%	27%
Other	35	6%	8%

**19 Imagine you are in charge of building a new school. What would you include in that new school for kids to use? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to use the Internet anywhere at school	344	59%	64%
Ability to use my own mobile device or laptop at school	294	50%	54%
A laptop for every student to use at school	318	54%	58%
A tablet computer for every student to use at school	291	50%	53%
Digital readers (such as: Kindle, Nook)	289	49%	54%
Do video conferences with people outside of the school	167	28%	33%
Handheld devices for students to answer questions (clickers)	250	43%	46%
High speed color printers	263	45%	50%
Interactive whiteboards (such as Smartboard, Polyvision)	276	47%	52%
Online classes	202	34%	38%
Online textbooks	204	35%	41%
Online tutors	186	32%	35%
Online, computer or video games	265	45%	48%
School website or portal	213	36%	42%
Tools to communicate with others (Email or text messaging)	163	28%	38%
Tools to create videos	193	33%	40%
Tools to help me organize my schoolwork	276	47%	52%
Tools to work with others (like blogs, wikis, GOOGLE Docs, etc )	216	37%	43%
Other	49	8%	9%

State: MI

Results based on 1281 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What grade are you in?**

Response	# of Responses	% of Responses	National %
Grade 6	193	15%	34%
Grade 7	390	31%	33%
Grade 8	682	54%	33%

**2 Gender**

Response	# of Responses	% of Responses	National %
Girl/Female	655	52%	50%
Boy/Male	608	48%	50%

**3 Thinking about the other students in your class, do you consider yourself...**

Response	# of Responses	% of Responses	National %
Response	314	25%	24%
An average tech user – the same as most of the students at my school	871	70%	71%
A beginner – below the skills of most of the students at my school	68	5%	5%

**4 Tell us about the mobile devices that you use. These can be devices that are your own (or provided to you by your family) or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	547	44%	46%
Self or family provided - used at school	185	15%	13%
School provided - cannot take it home	26	2%	2%
School provided - can take it home	31	2%	3%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	533	42%	48%
Self or family provided - used at school	251	20%	17%
School provided - cannot take it home	21	2%	2%
School provided - can take it home	34	3%	3%

**Laptop**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	710	56%	57%

Self or family provided - used at school	140	11%	11%
School provided - cannot take it home	218	17%	21%
School provided - can take it home	115	9%	9%

**Netbook**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	192	15%	18%
Self or family provided - used at school	103	8%	7%
School provided - cannot take it home	265	21%	13%
School provided - can take it home	83	7%	5%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	468	37%	42%
Self or family provided - used at school	114	9%	10%
School provided - cannot take it home	111	9%	11%
School provided - can take it home	59	5%	6%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	407	32%	33%
Self or family provided - used at school	164	13%	12%
School provided - cannot take it home	38	3%	5%
School provided - can take it home	33	3%	3%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	753	60%	63%
Self or family provided - used at school	322	26%	20%
School provided - cannot take it home	46	4%	3%
School provided - can take it home	40	3%	4%

**5 When you are outside of school, what access do you have to the Internet?**

Response	# of Responses	% of Responses	National %
The computer I use at home does not have Internet access	88	7%	6%
The computer I use at home has slow or dialup Internet access	188	15%	14%
The computer I use at home has fast Internet access (such as: DSL, Broadband, or cable)	777	61%	64%
I access the Internet at home through a wifi or 3G/4G mobile device	730	58%	56%
I access the Internet at home through a mobile computer or tablet that was provided to me by my school	140	11%	11%
I access the Internet at home through a TV or Wii system	311	25%	23%
My access to the Internet is through computers at the public library, after school program or community recreation center.	98	8%	9%
My only access to the Internet is at school	67	5%	6%

**6 Which of these things do you regularly do for schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Access class information online (such as: grades, teacher's notes or presentations, podcasts)	739	62%	61%
Access online databases or real time data (such as from Google maps)	366	31%	29%
Communicate with other students using a webcam, skype or online chat	285	24%	24%
Communicate with other students using text messaging	667	56%	50%
Communicate with teachers using text messaging	130	11%	7%
Conduct virtual experiments or simulations	145	12%	14%
Create multi-media presentations for an assignment	443	37%	32%
Get help from an online tutor	82	7%	6%
Listen to a podcast for a class	131	11%	10%
Play educational games	598	50%	46%
Post to blogs or wikis	138	12%	12%
Record or video a teacher lecture or lab	70	6%	5%
Take photos of school assignments or materials using my mobile device	168	14%	14%
Take tests online	509	43%	41%
Turn in papers for plagiarism check (such as: TurnItIn)	93	8%	9%
Upload assignments and homework to school portal	217	18%	19%
Use mobile applications to keep organized	251	21%	18%
Use my social networking site (such as Facebook) to collaborate with classmates on a project	300	25%	25%
Use online textbooks or other online curriculum	453	38%	31%
Use Twitter to communicate or follow others	147	12%	10%
Watch a video I find online to help with homework	355	30%	28%
Watch an online video created by my teacher	143	12%	17%
Other	219	18%	19%

**7 How often do you use resources or content from the Internet to help you with your schoolwork?**

Response	# of Responses	% of Responses	National %
Never or almost never	97	8%	8%
Seldom - a few times a year	140	12%	12%
Sometimes - maybe once a month	339	28%	27%
Often - at least once a week	422	35%	33%
Always or almost daily	202	17%	19%

**8 Besides not having enough time in your school day, what are the major obstacles to using technology in your school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Cannot access Twitter, Facebook or other social media sites	540	46%	47%
Cannot communicate with classmates using text messaging at school	567	48%	50%

Cannot use my own mobile devices (cell phone, smartphone, tablet computer, etc.) at school	613	52%	54%
My assignments don't require using technology	285	24%	21%
Not enough computers or they don't often work	358	30%	25%
Printers are not available for my use or my school charges me to print documents	108	9%	13%
Teachers don't know how to use the technology	142	12%	10%
Teachers limit our technology use	464	39%	35%
The Internet is too slow	455	39%	31%
There are too many rules against using technology at my school	515	44%	42%
Websites that I need are blocked (through school filters or firewalls)	605	51%	48%
Not a big deal. I rarely use the technology at my school	146	12%	16%
Other	95	8%	9%

**9 How could your school make it easier for you to use technology for schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Allow greater access to websites I need	789	66%	65%
Let me access the school network from home or school	431	36%	34%
Let me recharge my mobile devices at school	455	38%	36%
Let me use my own mobile device	662	56%	55%
Provide 24/7 online access to my teachers	323	27%	26%
Provide access to an online tutor	228	19%	19%
Provide access to social media sites and tools (such as Facebook, Twitter)	461	39%	38%
Provide class work, assignments and resources online	483	41%	40%
Provide me a mobile device that I can use at school	414	35%	36%
Provide me with unlimited Internet or Wi-Fi access throughout the school	567	48%	49%
Provide tools/mobile apps for me to communicate with my classmates	416	35%	39%
Provide tools/mobile apps for me to organize my schoolwork	456	38%	40%
Provide tools/mobile apps to help me collaborate with my classmates on schoolwork	377	32%	35%
Nothing - I like things the way they are	135	11%	12%
Other	76	6%	6%

**10 How much do you agree with this statement: My school is doing a good job of using technology to enhance my learning. (select one)**

Response	# of Responses	% of Responses	National %
Strongly agree	87	7%	10%
Agree	396	33%	34%
Disagree	219	18%	17%

Strongly disagree	148	12%	10%
No opinion	177	15%	14%
I don't know	179	15%	16%

**11 Many schools are exploring how to leverage mobile devices such as smartphones and tablet computers (iPads) to improve student achievement. How would you use a mobile device to help you with your schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access online textbooks	746	65%	64%
Access social networking sites (such as Facebook)	390	34%	36%
Access the school network from home or school	580	50%	52%
Check grades	908	79%	78%
Communicate with classmates and teachers	636	55%	59%
Create documents, videos or podcasts	517	45%	46%
Learn about school activities	492	43%	47%
Look up information on the Internet	834	72%	73%
Organize my schoolwork assignments	601	52%	54%
Play educational games	597	52%	54%
Receive reminders and alerts about upcoming tests or assignment due dates	674	58%	63%
Record or video lectures or labs so that I can review them later	332	29%	32%
Take notes for class	771	67%	69%
Text my teacher questions in class	309	27%	29%
Upload or download information from my teacher's website and/or the school's portal	384	33%	35%
Use mobile apps to make me more productive	409	35%	39%
Use the calculator	820	71%	67%
Use the calendar	654	57%	56%
Work on projects with my classmates	652	56%	61%
Write papers or do homework assignments	639	55%	56%
Other	75	6%	6%

**12 Does your school allow students to use their own mobile devices at school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Yes. There are no restrictions on when or where students can use their mobile device	41	4%	4%
Yes. But only if used for academic purposes	256	22%	20%
Yes. But only outside of class time	115	10%	12%
Maybe. It depends upon the individual teacher	323	28%	27%
No. Not at all	295	26%	33%
No. But students do anyway	428	37%	33%
I don't know what our school policy is	41	4%	5%

**13 What device do you think would be the best to use for each of these schoolwork tasks? Access an online textbook**

Response	# of Responses	% of Responses	National %
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Smartphone	248	21%	23%
Laptop	647	56%	57%
Netbook	225	19%	17%
Tablet	449	39%	42%
Digital Reader	166	14%	16%

**Check grades and other info on the school portal**

Response	# of Responses	% of Responses	National %
Smartphone	387	33%	37%
Laptop	666	58%	62%
Netbook	238	21%	15%
Tablet	409	35%	38%
Digital Reader	82	7%	6%

**Collaborate on a school project**

Response	# of Responses	% of Responses	National %
Smartphone	287	25%	31%
Laptop	667	58%	59%
Netbook	206	18%	14%
Tablet	350	30%	34%
Digital Reader	51	4%	5%

**Communicate with classmates**

Response	# of Responses	% of Responses	National %
Smartphone	735	64%	68%
Laptop	421	36%	38%
Netbook	141	12%	11%
Tablet	333	29%	29%
Digital Reader	49	4%	4%

**Communicate with teachers**

Response	# of Responses	% of Responses	National %
Smartphone	514	44%	51%
Laptop	509	44%	45%
Netbook	151	13%	11%
Tablet	289	25%	25%
Digital Reader	46	4%	4%

**Create a presentation**

Response	# of Responses	% of Responses	National %
Smartphone	147	13%	14%
Laptop	776	67%	69%
Netbook	199	17%	15%
Tablet	326	28%	31%
Digital Reader	51	4%	5%

**Create a video**

Response	# of Responses	% of Responses	National %
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Smartphone	434	38%	40%
Laptop	544	47%	50%
Netbook	160	14%	11%
Tablet	413	36%	39%
Digital Reader	52	4%	5%

**Do Internet research**

Response	# of Responses	% of Responses	National %
Smartphone	380	33%	37%
Laptop	783	68%	73%
Netbook	262	23%	19%
Tablet	407	35%	40%
Digital Reader	101	9%	8%

**Read a book or article**

Response	# of Responses	% of Responses	National %
Smartphone	255	22%	25%
Laptop	366	32%	33%
Netbook	234	20%	22%
Tablet	430	37%	41%
Digital Reader	452	39%	44%

**Take an online class**

Response	# of Responses	% of Responses	National %
Smartphone	145	13%	14%
Laptop	781	68%	69%
Netbook	199	17%	14%
Tablet	283	24%	29%
Digital Reader	49	4%	5%

**Take notes in class**

Response	# of Responses	% of Responses	National %
Smartphone	376	33%	35%
Laptop	505	44%	46%
Netbook	227	20%	19%
Tablet	495	43%	45%
Digital Reader	87	8%	8%

**Update Facebook**

Response	# of Responses	% of Responses	National %
Smartphone	602	52%	57%
Laptop	487	42%	47%
Netbook	169	15%	12%
Tablet	343	30%	32%
Digital Reader	55	5%	5%

**Use Twitter**

Response	# of Responses	% of Responses	National %
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Smartphone	608	53%	54%
Laptop	438	38%	41%
Netbook	160	14%	11%
Tablet	327	28%	29%
Digital Reader	52	4%	5%

**Watch a video**

Response	# of Responses	% of Responses	National %
Smartphone	464	40%	44%
Laptop	658	57%	59%
Netbook	230	20%	16%
Tablet	458	40%	44%
Digital Reader	92	8%	7%

**Write a report**

Response	# of Responses	% of Responses	National %
Smartphone	167	14%	16%
Laptop	796	69%	72%
Netbook	236	20%	18%
Tablet	286	25%	29%
Digital Reader	64	6%	6%

14

**What has been your experience with taking an online class where the instruction and content was delivered primarily over the Internet?**

Response	# of Responses	% of Responses	National %
I am in an online school where all of my classes are delivered over the Internet	62	6%	6%
I have taken at least one self-study online class for school credit in addition to taking traditional classes in school	89	8%	8%
I have taken at least one teacher-led online class for school credit in addition to taking traditional classes in school	112	10%	9%
I have taken at least one online class on my own to pursue my own interests	93	8%	8%
I have not taken an online class but would be interested in doing so	480	43%	42%
I am not interested in taking an online class	469	42%	43%

15

**What would be the advantages to you of taking an online class?(check all that apply)**

Response	# of Responses	% of Responses	National %
Class could better fit my schedule	623	55%	53%
I could earn college credit	515	45%	43%
I would be in control of my learning	625	55%	54%
I would be more comfortable asking my teacher questions	514	45%	44%
I would be more motivated to learn	423	37%	38%
I would feel more connected to school	348	31%	34%
I would get extra help in a subject that is hard for me	550	48%	52%
I would graduate early	330	29%	28%

I would have a greater sense of independence	456	40%	39%
I would receive more attention from my teacher(s)	338	30%	32%
It would be easier for me to succeed	459	40%	43%
It would be easier to review class materials as many times as I want	500	44%	47%
It would be easier to share ideas with my classmates	373	33%	35%
My technology skills would improve	551	49%	50%
To take a class not offered at my school	467	41%	37%
To work at my own pace	638	56%	56%
This would not work for my learning style	130	11%	13%
I do not know	198	17%	18%
Other	59	5%	6%

**16** In some schools, teachers are creating videos of their lectures and lessons and their students are watching those videos as homework. Students then spend class time doing projects and experiments, and getting individualized coaching from the teacher. How much do you agree with this statement: This would be a good way for me to learn.

Response	# of Responses	% of Responses	National %
Strongly agree	219	20%	23%
Agree	393	35%	36%
Disagree	114	10%	9%
Strongly disagree	73	7%	6%
I don't know	192	17%	15%
No opinion	126	11%	11%

**17** Imagine your ultimate science classroom. Which of these would be most effective in helping you be more successful in that class?

Response	# of Responses	% of Responses	National %
Being able to text my teacher with my questions during class	338	31%	33%
Collaborating with my classmates on real world problems and experiments	555	51%	56%
Doing my own scientific research	530	49%	45%
Getting outside of the classroom to study science in action	625	57%	62%
Having access to an online science tutor	296	27%	25%
Learning from a teacher who I feel a connection with	400	37%	41%
Learning from a teacher who is excited about science	488	45%	51%
Learning from career professionals or researchers in different scientific fields	338	31%	33%
Playing online or computer based science games	493	45%	48%
Reading from my textbook	296	27%	27%
Taking an online science class	358	33%	29%
Understanding the context of science through a virtual or augmented reality environment	288	26%	30%
Using a class blog or wiki to share ideas with my classmates	321	29%	30%
Using a mobile device to video science lessons to review later	432	40%	43%

Using an online textbook that I can access through a mobile device	419	38%	38%
Using animations or simulations to help me visualize difficult science concepts	361	33%	38%
Using real time data to understand the context for science	296	27%	30%
None of the above	80	7%	7%
Other	44	4%	4%

**18** Internationally there is tremendous interest in having more students pursue careers in science, technology, math or engineering. Right now, are you interested in a job or career in any of these fields? (select one)

Response	# of Responses	% of Responses	National %
No, those subjects are too hard for me	50	5%	4%
No, my strengths are in other areas	180	17%	15%
No, those subjects are not interesting to me	152	14%	15%
Maybe, I would like to know more about those jobs or careers	330	31%	30%
Yes, I am somewhat interested in a job or career in those fields	167	16%	17%
Yes, I am very interested in a job or career in those fields	198	18%	20%

**19** How would you like your school to help you explore careers or to get prepared for a future job? (check all that apply)

Response	# of Responses	% of Responses	National %
Allow me to take career preparing community college or trade school classes for credit	488	46%	42%
Allow us to take field trips to visit companies and meet successful role models	662	62%	66%
Have a program during the school day about future careers	556	52%	53%
Have after school or Saturday programs about future careers	210	20%	20%
Learn from teachers who have worked in the professional field I'm interested in	507	47%	45%
Let career professionals teach lessons at school	466	44%	45%
Provide a self-assessment test to identify my career interests or strengths	385	36%	36%
Provide access to websites with information about careers	394	37%	37%
Provide "Day in the Life" podcasts or videos about different jobs	377	35%	33%
Provide information about mobile apps to explore careers	349	33%	33%
Provide information about summer career exploration programs	307	29%	27%
Provide information about summer or part-time jobs or internships in my field of interest	351	33%	34%
Provide more career technical education classes at school so that I can learn about future jobs	326	31%	31%

Tell me about competitions that allow me to assess my skills against other students	324	30%	29%
Use the same tools in my classroom that professionals use at work	335	31%	33%
Work with mentors who can help me with my college and career planning	299	28%	31%
Other	76	7%	7%

**20 Does your school allow students to access Facebook, Twitter, YouTube and other social media tools during the school day?**

Response	# of Responses	% of Responses	National %
Yes. There are no restrictions on the use of social media at my school	43	4%	3%
Yes. But only if used for academic purposes	97	9%	7%
Yes. But only outside of class time	58	5%	5%
Maybe. It depends upon the individual teacher	114	10%	8%
Maybe. Some of these tools are blocked by our school filters	179	16%	15%
No. Not at all	542	49%	59%
No. But students do anyway	304	28%	23%
I don't know what our school policy is	43	4%	5%

**21 Which of these social media tools or applications do you use outside of school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	428	40%	41%
Communicate with others through text message	677	63%	63%
Contribute to a wiki	156	14%	14%
Create videos to post and share with others (such as: YouTube, Facebook video)	335	31%	30%
Download and view videos from the Internet	405	37%	37%
Follow blogs that interest me	258	24%	25%
Participate in an online community around a topic that I am interested in	218	20%	17%
Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	288	27%	26%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	398	37%	38%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	427	39%	41%
Take an online class	163	15%	13%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	481	44%	46%
Update my social networking profile (such as Facebook)	449	41%	42%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	270	25%	28%

Use Twitter to communicate or to follow others	247	23%	23%
Use web tools for writing collaboratively with others (such as: GOOGLE docs)	288	27%	29%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	217	20%	19%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	195	18%	19%
Write or contribute to a blog (my own or someone else's)	125	12%	12%
None of the above	122	11%	10%
Other	80	7%	7%

**22 Thinking about all of the things that you do online for both school and your own personal lives, how many different sites are you registered or have accounts on?**

Response	# of Responses	% of Responses	National %
1-5	407	38%	40%
6-10	286	26%	26%
11-15	115	11%	11%
16 - 20	70	6%	5%
More than 20	128	12%	12%
None	76	7%	7%

**23 Which of these statements do you agree with? (check all that apply)**

Response	# of Responses	% of Responses	National %
For personal reading, my preference is to read a digital book than a printed book	383	36%	37%
For schoolwork reading, my preference is to read digital materials rather than printed materials	392	37%	36%
Homework helps me practice what I have learned	428	40%	41%
I am having problems with my schoolwork	242	23%	22%
I am interested in what I'm learning in school	364	34%	35%
I am motivated to do well in school because I like school	301	28%	30%
I am motivated to do well in school because I want to please my teachers or parents	511	48%	50%
I am succeeding academically	509	48%	46%
I am worried about my future	281	26%	26%
I believe my school cares about me as a person	354	33%	33%
I don't like school	335	31%	28%
I feel I am prepared to succeed in school	456	43%	45%
I feel safe at school	439	41%	42%
I know how to be safe and protect myself when I am online	529	50%	52%
I know what subjects I need to do more studying in to be successful	476	45%	48%
I wish my classes were more interesting	510	48%	48%
My parents are very involved in my education	402	38%	41%
My test scores don't match what I know	246	23%	22%

Teachers or my parents expect me to do well in school	557	52%	58%
There is at least one adult at school that I can talk to about school or personal problems	340	32%	34%

**24 Which of these have been problems for kids at your school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Approached by strangers online	195	19%	18%
Being harassed online with hurtful texts or photos	363	35%	31%
Seeing websites with inappropriate content	296	29%	28%
Sharing suggestive text or photos	286	28%	26%
Sharing too much personal information online	318	31%	31%
Spending too much time online	439	43%	39%
Strangers asking to meet in person	181	18%	16%
Students' mobile devices have been stolen	407	40%	40%
Students using mobile devices to cheat	281	27%	25%
Students using others' ideas as their own (plagiarism)	306	30%	29%
None of the above	239	23%	27%
Other	77	8%	8%

**25 In the past year, which of these things have you done on your own (not teacher directed) to improve your education? (check all that apply)**

Response	# of Responses	% of Responses	National %
Created my own video or podcast to help me share my knowledge with others	116	11%	10%
Found an online tutor	95	9%	8%
Found information online that helped me better understand a topic we were studying in class	421	41%	42%
Found experts online who could answer my questions	159	15%	13%
Listened to a podcast about a topic I was interested in	137	13%	13%
Posted to a blog or wiki	119	12%	10%
Sought help from other students through my social networking site	205	20%	20%
Took a self-paced tutorial on a subject	131	13%	11%
Took an online class	99	10%	9%
Took an online test or assessment	213	21%	19%
Tutored other students who needed help	153	15%	15%
Used mobile applications to help with my self-organization	219	21%	23%
Used online writing tools to improve my own writing	194	19%	19%
Used Twitter to send a tweet about something I was studying	120	12%	11%
Watched an online video to learn something or to help me with my homework	274	27%	28%
None of the above	258	25%	27%
Other	66	6%	7%

**26 What if you no longer had access to the Internet anywhere for a month? Would that have a negative impact on your life? (Check all that apply)**

Response	# of Responses	% of Responses	National %
That would have a very large negative impact on my personal life	388	38%	38%
That would have some negative impact on my personal life but I think I could make it work	313	31%	34%
That would have no impact on my personal life	130	13%	13%
That would have a very large negative impact on my schoolwork	175	17%	20%
That would have some impact on my schoolwork but I think I could make it work	249	25%	25%
That would have no impact on my schoolwork	131	13%	12%
I am not sure	191	19%	18%
Other	60	6%	6%

27

**Imagine you are designing the ultimate school. Which of these tools would have the greatest positive impact on your learning? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to access the Internet anywhere at school	710	71%	73%
Ability to use my own mobile devices at school (such as smartphones and tablets)	620	62%	67%
Adaptive learning software which adjusts levels of difficulty and content to address your needs	461	46%	46%
Chat rooms to discuss topics with students while in class	519	52%	55%
Digital content (such as: databases, electronic books, animations, videos etc)	499	50%	52%
Digital media creation tools (video, audio)	494	49%	51%
Digital reader (such as: Kindle, Nook)	544	54%	57%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	516	51%	56%
Electronic portfolios for students	408	41%	43%
Games or virtual simulations	531	53%	54%
Handheld student response systems	407	40%	43%
High speed color printers	557	55%	57%
Interactive whiteboards (such as: Smartboards, Polyvision)	496	49%	54%
Laptop for every student to use at school	579	58%	63%
Learning management systems (such as Blackboard)	315	31%	32%
Online classes	421	42%	41%
Online tests and assessments	490	49%	50%
Online textbooks	554	55%	54%
Online tutors	360	36%	37%
School website or portal	411	41%	45%
Simulations	317	32%	33%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	356	35%	37%

Speak Up 2012 Grade 6-8

Tablet computer (such as iPad) for every student to use at school	521	52%	55%
Text messaging	520	52%	54%
Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas)	420	42%	45%
Video conferences and webinars	306	30%	30%
Virtual or online whiteboard	398	40%	39%
Virtual reality games or environments	357	35%	39%
Other	84	8%	7%

State: MI

Results based on 1465 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What grade are you in?**

Response	# of Responses	% of Responses	National %
Grade 9	368	25%	31%
Grade 10	442	30%	23%
Grade 11	283	19%	23%
Grade 12	344	24%	22%
Alternative program or other	16	1%	1%

**2 Gender**

Response	# of Responses	% of Responses	National %
Girl/Female	768	53%	52%
Boy/Male	684	47%	48%

**3 Response**

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of the students at my school	426	29%	24%
An average tech user – the same as most of the students at my school	967	67%	72%
A beginner – below the skills of most of the students at my school	55	4%	4%

**4 Tell us about the mobile devices that you use. These can be devices that are your own (or provided to you by your family) or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	528	37%	34%
Self or family provided - used at school	314	22%	24%
School provided - cannot take it home	14	1%	1%
School provided - can take it home	21	1%	2%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	562	39%	40%
Self or family provided - used at school	509	35%	39%
School provided - cannot take it home	12	1%	1%
School provided - can take it home	24	2%	2%

**Laptop**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	847	59%	56%
Self or family provided - used at school	207	14%	15%
School provided - cannot take it home	178	12%	15%
School provided - can take it home	49	3%	13%

**Netbook**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	289	20%	18%
Self or family provided - used at school	84	6%	6%
School provided - cannot take it home	118	8%	11%
School provided - can take it home	66	5%	5%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	509	35%	34%
Self or family provided - used at school	121	8%	10%
School provided - cannot take it home	60	4%	7%
School provided - can take it home	60	4%	5%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	411	29%	28%
Self or family provided - used at school	136	9%	10%
School provided - cannot take it home	47	3%	4%
School provided - can take it home	23	2%	3%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
Self or family provided - not used at school	726	50%	51%
Self or family provided - used at school	564	39%	38%
School provided - cannot take it home	13	1%	2%
School provided - can take it home	29	2%	2%

5

**When you are outside of school, what access do you have to the Internet? (Check all that apply)**

Response	# of Responses	% of Responses	National %
The computer I use at home does not have Internet access	69	5%	6%
The computer I use at home has slow or dialup Internet access	130	9%	10%
The computer I use at home has fast Internet access (such as: DSL, Broadband, or cable)	1066	74%	70%
I access the Internet at home through a wifi or 3G/4G mobile device	993	69%	68%
I access the Internet at home through a mobile computer or tablet that was provided to me by my school	166	11%	15%
I access the Internet at home through a TV or Wii system.	384	27%	23%

My access to the Internet is through computers at the public library, after school program or community recreation center	166	11%	11%
My only access to the Internet is at school	60	4%	6%

**6 Which of these things do you regularly do for schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Access class information online (such as: grades, teacher's notes or presentations, podcasts)	1027	75%	74%
Access online databases or real time data (such as from Google maps)	461	34%	37%
Communicate with other students using a webcam, skype or online chat	350	26%	28%
Communicate with other students using text messaging	867	64%	67%
Communicate with teachers using text messaging	185	14%	14%
Conduct virtual experiments or simulations	223	16%	14%
Create multi-media presentations for an assignment	584	43%	47%
Get help from an online tutor	102	7%	8%
Listen to a podcast for a class	173	13%	13%
Play educational games	345	25%	27%
Post to blogs or wikis	220	16%	16%
Record or video a teacher lecture or lab	87	6%	7%
Take photos of school assignments or materials using my mobile device	367	27%	32%
Take tests online	593	43%	41%
Turn in papers for plagiarism check (such as: TurnItIn)	189	14%	19%
Upload assignments and homework to school portal	356	26%	30%
Use mobile applications to keep organized	304	22%	24%
Use my social networking site (such as Facebook) to collaborate with classmates on a project	508	37%	38%
Use online textbooks or other online curriculum	490	36%	35%
Use Twitter to communicate or to follow others	350	26%	23%
Watch a video I find online to help with homework	427	31%	32%
Watch an online video created by my teacher	218	16%	17%
Other	148	11%	9%

**7 How often do you use resources or content from the Internet to help you with your schoolwork?**

Response	# of Responses	% of Responses	National %
Never or almost never	65	5%	4%
Seldom - a few times a year	110	8%	8%
Sometimes - maybe once a month	343	25%	22%
Often - at least once a week	532	39%	37%
Always or almost daily	313	23%	29%

**8 Besides not having enough time in your school day, what are the major obstacles to using technology in your school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Cannot access Twitter, Facebook or other social media sites	727	54%	47%

Cannot communicate with classmates using text messaging at school	645	48%	43%
Cannot use my own mobile devices (cell phone, smartphone, tablet computer, etc.) at school	661	49%	46%
My assignments don't require using technology	321	24%	19%
Not enough computers or they don't often work	375	28%	27%
Printers are not available for my use or my school charges me to print documents	168	12%	19%
Teachers don't know how to use the technology	227	17%	16%
Teachers limit our technology use	573	43%	41%
The Internet is too slow	477	35%	35%
There are too many rules against using technology at my school	647	48%	46%
Websites that I need are blocked (through school filters or firewalls)	777	58%	58%
Not a big deal. I rarely use the technology at my school	178	13%	14%
Other	65	5%	5%

**9 How could your school make it easier for you to use technology for schoolwork? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Allow greater access to websites I need	927	68%	70%
Let me access the school network from home or school	403	29%	31%
Let me recharge my mobile devices at school	543	40%	39%
Let me use my own mobile device	779	57%	55%
Provide 24/7 online access to my teachers	371	27%	26%
Provide access to an online tutor	329	24%	24%
Provide access to social media sites and tools (such as Facebook, Twitter)	582	43%	41%
Provide class work, assignments and resources online	558	41%	39%
Provide me a mobile device that I can use at school	313	23%	24%
Provide me with unlimited Internet or Wi-Fi access throughout the school	683	50%	50%
Provide tools/mobile apps for me to communicate with my classmates	417	30%	33%
Provide tools/mobile apps for me to organize my schoolwork	449	33%	35%
Provide tools/mobile apps to help me collaborate with my classmates on schoolwork	396	29%	31%
Nothing - I like the way things are	132	10%	10%
Other	57	4%	4%

**10 How much do you agree with this statement: My school is doing a good job of using technology to enhance my learning. (select one)**

Response	# of Responses	% of Responses	National %
Strongly agree	71	5%	8%

Agree	472	34%	37%
Disagree	336	24%	20%
Strongly disagree	164	12%	10%
No opinion	228	17%	16%
I don't know	105	8%	9%

**11 Many schools are exploring how to leverage mobile devices such as smartphones and tablet computers (iPads) to improve student achievement. How would you use a mobile device to help you with your schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access online textbooks	843	66%	64%
Access social networking sites (such as Facebook)	551	43%	43%
Access the school network from home or school	644	50%	52%
Check grades	1091	85%	84%
Communicate with classmates and teachers	819	64%	64%
Create documents, videos or podcasts	649	51%	51%
Learn about school activities	559	44%	45%
Look up information on the Internet	966	75%	75%
Organize my schoolwork assignments	657	51%	54%
Play educational games	397	31%	32%
Receive reminders and alerts about upcoming tests or assignment due dates	776	60%	61%
Record or video lectures or labs so that I can review them later	380	30%	31%
Take notes for class	845	66%	67%
Text my teacher questions in class	330	26%	27%
Upload or download information from my teachers' website and/or the school's portal	462	36%	38%
Use mobile apps to make me more productive	469	37%	37%
Use the calculator	934	73%	71%
Use the calendar	747	58%	60%
Work on projects with my classmates	655	51%	55%
Write papers or do homework assignments	708	55%	56%
Other	39	3%	3%

**12 Does your school allow students to use their own mobile devices at school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Yes. There are no restrictions on when or where students can use their mobile device.	69	5%	6%
Yes. But only if used for academic purposes	293	23%	25%
Yes. But only outside of class time	254	20%	31%
Maybe. It depends upon the individual teacher	518	41%	37%
No. Not at all	220	17%	16%
No. But students do anyway	474	37%	31%
I don't know what our school policy is	38	3%	3%

**13 What device do you think would be the best to use for each of these schoolwork tasks?**

**Access an online textbook**

Response	# of Responses	% of Responses	National %
Smartphone	217	17%	21%
Laptop	803	62%	61%
Netbook	211	16%	15%
Tablet	517	40%	41%
Digital Reader	225	18%	16%

**Check grades and other info on the school portal**

Response	# of Responses	% of Responses	National %
Smartphone	630	49%	50%
Laptop	758	59%	61%
Netbook	215	17%	14%
Tablet	459	36%	35%
Digital Reader	63	5%	5%

**Collaborate on a school project**

Response	# of Responses	% of Responses	National %
Smartphone	392	31%	32%
Laptop	831	65%	66%
Netbook	184	14%	13%
Tablet	349	27%	29%
Digital Reader	31	2%	3%

**Communicate with classmates**

Response	# of Responses	% of Responses	National %
Smartphone	970	75%	74%
Laptop	474	37%	39%
Netbook	138	11%	9%
Tablet	286	22%	24%
Digital Reader	32	2%	3%

**Communicate with teachers**

Response	# of Responses	% of Responses	National %
Smartphone	760	59%	55%
Laptop	593	46%	49%
Netbook	133	10%	10%
Tablet	280	22%	23%
Digital Reader	37	3%	3%

**Create a presentation**

Response	# of Responses	% of Responses	National %
Smartphone	115	9%	11%
Laptop	1036	81%	79%
Netbook	205	16%	14%
Tablet	320	25%	26%
Digital Reader	33	3%	3%

**Create a video**

Response	# of Responses	% of Responses	National %
Smartphone	441	34%	35%
Laptop	789	61%	62%
Netbook	167	13%	11%
Tablet	415	32%	32%
Digital Reader	41	3%	3%

**Do Internet research**

Response	# of Responses	% of Responses	National %
Smartphone	450	35%	40%
Laptop	983	76%	76%
Netbook	285	22%	19%
Tablet	478	37%	38%
Digital Reader	85	7%	6%

**Read a book or article**

Response	# of Responses	% of Responses	National %
Smartphone	283	22%	26%
Laptop	525	41%	44%
Netbook	301	23%	23%
Tablet	549	43%	43%
Digital Reader	509	40%	35%

**Take an online class**

Response	# of Responses	% of Responses	National %
Smartphone	118	9%	11%
Laptop	1028	80%	79%
Netbook	201	16%	13%
Tablet	284	22%	25%
Digital Reader	42	3%	3%

**Take notes in class**

Response	# of Responses	% of Responses	National %
Smartphone	328	26%	28%
Laptop	742	58%	60%
Netbook	312	24%	19%
Tablet	534	42%	42%
Digital Reader	71	6%	5%

**Update Facebook**

Response	# of Responses	% of Responses	National %
Smartphone	881	69%	68%
Laptop	599	47%	48%
Netbook	187	15%	12%
Tablet	393	31%	31%
Digital Reader	47	4%	4%

**Use Twitter**

Response	# of Responses	% of Responses	National %
Smartphone	887	69%	67%
Laptop	547	43%	42%
Netbook	168	13%	11%
Tablet	392	31%	28%
Digital Reader	45	4%	4%

**Watch a video**

Response	# of Responses	% of Responses	National %
Smartphone	578	45%	47%
Laptop	833	65%	65%
Netbook	232	18%	16%
Tablet	536	42%	42%
Digital Reader	59	5%	5%

**Write a report**

Response	# of Responses	% of Responses	National %
Smartphone	134	10%	12%
Laptop	1020	79%	79%
Netbook	252	20%	16%
Tablet	278	22%	24%
Digital Reader	54	4%	4%

**14**

**What has been your experience with taking an online class where the instruction and content was delivered primarily over the Internet? (Check all that apply)**

Response	# of Responses	% of Responses	National %
I am in an online school where all of my classes are delivered over the Internet	81	6%	7%
I have taken at least one self-study online class for school credit in addition to taking traditional classes in school	241	19%	15%
I have taken at least one teacher-led online class for school credit in addition to taking traditional classes in school	234	19%	15%
I have taken at least one online class on my own to pursue my own interests	155	12%	10%
I have not taken an online class but would be interested in doing so	486	38%	40%
I am not interested in taking an online class	359	28%	34%

**15**

**What would be the advantages to you of taking an online class? (check all that apply)**

Response	# of Responses	% of Responses	National %
Class could better fit my schedule	793	62%	59%
I could earn college credit	666	52%	52%
I would be in control of my learning	773	60%	57%
I would be more comfortable asking my teacher questions	435	34%	38%
I would be more motivated to learn	354	28%	29%
I would feel more connected to school	295	23%	25%

I would get extra help in a subject that is hard for me	503	39%	41%
I would graduate early	418	33%	34%
I would have a greater sense of independence	603	47%	42%
I would receive more attention from my teacher(s)	310	24%	27%
It would be easier for me to succeed	466	36%	35%
It would be easier to review class materials as many times as I want	596	46%	46%
It would be easier to share ideas with my classmates	325	25%	26%
My technology skills would improve	573	45%	45%
To take a class not offered at my school	632	49%	44%
To work at my own pace	743	58%	56%
This would not work for my learning style	154	12%	14%
I do not know	169	13%	15%
Other	45	4%	3%

**16** In some schools, teachers are creating videos of their lectures and lessons and their students are watching those videos as homework. Students then spend class time doing projects and experiments, and getting individualized coaching from the teacher. How much do you agree with this statement: This would be a good way for me to learn. (Check all that apply)

Response	# of Responses	% of Responses	National %
Strongly agree	253	20%	21%
Agree	521	42%	42%
Disagree	184	15%	14%
Strongly disagree	114	9%	8%
I don't know	180	15%	15%
No opinion	137	11%	11%

**17** Imagine your ultimate science classroom. Which of these would be most effective in helping you be more successful in that class? (Check all that apply)

Response	# of Responses	% of Responses	National %
Being able to text my teacher with my questions during class	341	28%	28%
Collaborating with my classmates on real world problems and experiments	742	60%	61%
Doing my own scientific research	540	44%	40%
Getting outside of the classroom to study science in action	746	61%	61%
Having access to an online science tutor	392	32%	32%
Learning from a teacher who I feel a connection with	613	50%	49%
Learning from a teacher who is excited about science	689	56%	56%
Learning from career professionals or researchers in different scientific fields	461	38%	37%
Playing online or computer based science games	393	32%	33%
Reading from my textbook	391	32%	28%
Taking an online science class	313	26%	24%
Understanding the context of science through a virtual or augmented reality environment	406	33%	34%
Using a class blog or wiki to share ideas with my classmates	300	24%	24%

Using a mobile device to video science lessons to review later	433	35%	37%
Using an online textbook that I can access through a mobile device	405	33%	34%
Using animations or simulations to help me visualize difficult science concepts	516	42%	41%
Using real time data to understand the context for science	356	29%	31%
None of the above	79	6%	7%
Other	45	4%	3%

**18 Internationally there is tremendous interest in having more students pursue careers in science, technology, math or engineering. Right now, are you interested in a job or career in any of these fields?**

Response	# of Responses	% of Responses	National %
No, those subjects are too hard for me	50	4%	5%
No, my strengths are in other areas	182	15%	16%
No, those subjects are not interesting to me	161	13%	15%
Maybe, I would like to know more about those jobs or careers	295	24%	23%
Yes, I am somewhat interested in a job or career in those fields	205	17%	18%
Yes, I am very interested in a job or career in those fields	321	26%	23%

**19 How would you like your school to help you explore careers or to get prepared for a future job? (check all that apply)**

Response	# of Responses	% of Responses	National %
Allow me to take career preparing community college or trade school classes for credit	594	49%	48%
Allow us to take field trips to visit companies and meet successful role models	718	60%	63%
Have a program during the school day about future careers	636	53%	52%
Have after school or Saturday programs about future careers	289	24%	23%
Learn from teachers who have worked in the professional field I'm interested in	587	49%	47%
Let career professionals teach lessons at school	526	44%	47%
Provide a self-assessment test to identify my career interests or strengths	485	40%	40%
Provide access to websites with information about careers	445	37%	38%
Provide "Day in the Life" podcasts or videos about different jobs	402	33%	35%
Provide information about mobile apps to explore careers	366	30%	29%
Provide information about summer career exploration programs	436	36%	35%
Provide information about summer or part-time jobs or internships in my field of interest	542	45%	44%

Provide more career technical education classes at school so that I can learn about future jobs	365	30%	31%
Tell me about competitions that allow me to assess my skills against other students	382	32%	28%
Use the same tools in my classroom that professionals use at work	400	33%	33%
Work with mentors who can help me with my college and career planning	407	34%	35%
Other	47	4%	4%

**20 Does your school allow students to access Facebook, Twitter, YouTube and other social media tools during the school day? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Yes. There are no restrictions on the use of social media at my school.	57	5%	6%
Yes. But only if used for academic purposes	111	9%	10%
Yes. But only outside of class time.	107	9%	13%
Maybe. It depends upon the individual teacher.	174	14%	14%
Maybe. Some of these tools are blocked by our school filters.	256	21%	21%
No. Not at all.	492	40%	40%
No. But students do anyway.	449	36%	31%
I don't know what our school policy is.	44	4%	4%

**21 Which of these social media tools or applications do you use outside of school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	616	51%	51%
Communicate with others through text messaging	857	70%	71%
Contribute to a wiki	175	14%	13%
Create videos to post and share with others (such as: YouTube, Facebook video)	315	26%	26%
Download and view videos from the Internet	520	43%	43%
Follow blogs that interest me	332	27%	27%
Participate in an online community around a topic that I am interested in	250	21%	18%
Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as World of Warcraft)	305	25%	21%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	429	35%	34%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	468	38%	40%
Take an online class	267	22%	18%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	597	49%	48%

Update my social networking profile (such as Facebook)	643	53%	53%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	372	31%	30%
Use Twitter to communicate or to follow others	429	35%	34%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	239	20%	21%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	215	18%	17%
Use web tools for writing collaboratively with others (such as GOOGLE docs)	302	25%	26%
Write or contribute to a blog (my own or someone else's)	187	15%	14%
None of the above	70	6%	7%
Other	50	4%	4%

**22 Thinking about all of the things that you do online for both school and your own personal lives, how many different sites are you registered or have accounts on?**

Response	# of Responses	% of Responses	National %
1 to 5	368	30%	36%
6 to 10	336	28%	29%
11 to 15	205	17%	13%
16 to 20	84	7%	7%
More than 20	177	15%	12%
None	37	3%	4%

**23 Which of these statements do you agree with? (check all that apply)**

Response	# of Responses	% of Responses	National %
For personal reading, my preference is to read a digital book than a printed book	308	25%	27%
For schoolwork reading, my preference is to read digital materials rather than printed materials	336	28%	29%
Homework helps me practice what I have learned	534	44%	45%
I am having problems with my schoolwork	277	23%	26%
I am interested in what I'm learning in school	447	37%	34%
I am motivated to do well in school because I like school	367	30%	28%
I am motivated to do well in school because I want to please my teachers or parents	587	48%	47%
I am succeeding academically	653	54%	47%
I am worried about my future	440	36%	36%
I believe my school cares about me as a person	314	26%	27%
I don't like school	405	33%	31%
I feel I am prepared to succeed in school	503	41%	39%
I feel safe at school	441	36%	39%
I know how to be safe and protect myself when I am online	674	56%	52%
I know what subjects I need to do more studying in to be successful	613	51%	50%

I wish my classes were more interesting	606	50%	50%
My parents are very involved in my education	463	38%	35%
My test scores don't match what I know	331	27%	28%
Teachers or my parents expect me to do well in school	706	58%	58%
There is at least one adult at school that I can talk to about school or personal problems	439	36%	34%

**24 Which of these have been problems for kids at your school? (Choose any that apply)**

Response	# of Responses	% of Responses	National %
Approached by strangers online	209	18%	18%
Being harassed online with hurtful texts or photos	509	43%	38%
Seeing websites with inappropriate content	389	33%	29%
Sharing suggestive texts or photos	467	40%	35%
Sharing too much personal information online	491	42%	38%
Spending too much time online	586	50%	47%
Strangers asking to meet in person	219	19%	18%
Students' mobile devices have been stolen	608	52%	50%
Students using mobile devices to cheat	499	42%	37%
Students using others' ideas as their own (plagiarism)	485	41%	36%
None of the above	197	17%	20%
Other	62	5%	5%

**25 In the past year, which of these things have you done on your own (not teacher directed) to improve your education? (check all that apply)**

Response	# of Responses	% of Responses	National %
Created my own video or podcast to help me share my knowledge with others	101	9%	8%
Found a tutor online	115	10%	10%
Found information online that helped me better understand a topic we were studying in class	596	50%	50%
Found experts online who could answer my questions	175	15%	15%
Listened to a podcast about a topic I was interested in	161	14%	13%
Posted to a blog or wiki	120	10%	10%
Sought help from other students through my social networking site	361	30%	30%
Took a self-paced tutorial on a subject	159	13%	12%
Took an online class	187	16%	14%
Took an online test or assessment	251	21%	22%
Tutored other students who needed help	238	20%	19%
Used mobile applications to help with my self-organization	299	25%	25%
Used online writing tools to improve my own writing	209	18%	17%
Used Twitter to send a tweet about something I was studying	203	17%	17%
Watched an online video to learn something or to help me with my homework	344	29%	29%
None of the above	200	17%	19%

Other 50 4% 4%

**26 What if you no longer had access to the Internet anywhere for a month? Would that have a negative impact on your life? (Check all that apply)**

Response	# of Responses	% of Responses	National %
That would have a very large negative impact on my personal life	449	39%	40%
That would have some negative impact on my personal life but I think I could make it work	453	39%	37%
That would have no impact on my personal life	177	15%	13%
That would have a very large negative impact on my schoolwork	299	26%	27%
That would have some impact on my schoolwork but I think I could make it work	311	27%	25%
That would have no impact on my schoolwork	132	11%	10%
I am not sure	111	10%	12%
Other:	40	3%	4%

**27 Imagine you are designing the ultimate school. Which of these tools would have the greatest positive impact on your learning? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to access the Internet anywhere at school	832	73%	75%
Ability to use my own mobile devices at school (such as smartphones and tablets)	755	66%	68%
Adaptive learning software which adjusts levels of difficulty and content to address your needs	602	52%	51%
Chat rooms to discuss topics with students while in class	519	45%	47%
Digital content (such as: databases, electronic books, animations, videos etc)	601	52%	52%
Digital media creation tools (video, audio)	608	53%	51%
Digital reader (such as: Kindle, Nook)	540	47%	48%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	666	58%	56%
Electronic portfolios for students	490	43%	43%
Games or virtual simulations	527	46%	44%
Handheld student response systems	452	39%	38%
High speed color printers	678	59%	58%
Interactive whiteboards (such as: Smartboard, Polyvision)	617	54%	53%
Laptop for every student to use at school	690	60%	60%
Learning management systems (such as Blackboard)	380	33%	32%
Online classes	570	50%	46%
Online tests and assessments	590	51%	49%
Online textbooks	612	53%	55%
Online tutors	505	44%	43%
School website or portal	512	45%	46%
Simulations	416	36%	34%

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Social media tools for collaboration and communications (blogs, wikis, social networking sites)	441	38%	40%
Tablet computer (such as iPad) for every student to use at school	517	45%	49%
Text messaging	589	51%	55%
Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas)	512	45%	45%
Video conferences and webinars	344	30%	28%
Virtual or online whiteboard	408	36%	36%
Virtual reality games or environments	364	32%	31%
Other	53	5%	5%

State: MI

Results based on 42 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 Are you a..**

Response	# of Responses	% of Responses	National %
Mom	34	83%	80%
Dad	4	10%	17%
Grandparent	1	2%	2%
Other relative or guardian	2	5%	1%

**2 Please select any grades that your child(ren) attend.**

Response	# of Responses	% of Responses	National %
Preschool	0	0%	5%
Kindergarten - Grade 1 - Grade 2	11	28%	31%
Grade 3 - Grade 4 - Grade 5	12	30%	35%
Response	11	28%	38%
Grade 9 - Grade 10 - Grade 11 - Grade 12	24	60%	39%
Other	0	0%	2%

**3 How would you describe your own technology skills?**

Response	# of Responses	% of Responses	National %
An advanced tech user – My skills are more advanced than most adults I know	22	55%	35%
An average tech user – My skills are the same as most adults I know	16	40%	60%
A beginner tech user -- I am still learning how to use most technology tools	2	5%	5%

**4 What types of mobile devices do you have access to for your own use?(check all that apply)**

Response	# of Responses	% of Responses	National %
Cell phone (without Internet access)	19	48%	35%
Smartphone (with Internet access such as: Blackberry, Droid, iPhone)	24	60%	73%
Laptop	31	78%	83%
Netbook	5	13%	10%
Tablet computer (such as iPad)	22	55%	49%
Digital reader (such as: Kindle, Nook)	13	33%	37%
Music or video device (such as: MP3 player, iPod or iPod Touch)	26	65%	66%
Other	0	0%	3%

**5 What kind of computer and Internet access do you have at home?**

Response	# of Responses	% of Responses	National %
A computer with no Internet access	1	3%	1%
A computer with "dial-up" or slow Internet access	0	0%	2%
A computer with fast Internet access (such as: DSL, Broadband, or cable)	36	90%	91%
I access the Internet at home through a TV or Wii system	7	18%	18%
I access the Internet through a wifi or 3G/4G mobile device like a smartphone or tablet computer.	21	53%	43%
No computer at home. My primary access to technology is at public libraries, community centers, etc.	0	0%	1%
No computer at home. My primary access to technology is where I work	1	3%	1%

**6 How important is the effective implementation of technology within instruction to your child(ren)'s success?**

Response	# of Responses	% of Responses	National %
Extremely Important	25	69%	56%
Important	9	25%	33%
Somewhat Important	2	6%	9%
Not Important	0	0%	2%
No Opinion	0	0%	0%

**7 What concerns you most about the use of technology at your child's school?**

Response	# of Responses	% of Responses	National %
Class or school information on the website or portal is often out of date	5	16%	23%
Digital content and tools that are being used have commercial advertisements	5	16%	13%
I cannot communicate with my child during the school day because of school policies	4	13%	13%
Internet filters and firewalls block educational sites that my child needs for schoolwork	6	19%	8%
My child cannot access the social media tools they are used to using at home during the school day	2	6%	4%
My child cannot use his/her own mobile device (laptop, smartphone, tablet) within class to help with their schoolwork	7	22%	13%
My child is not learning how to use technology effectively, safely and responsibly	8	25%	15%
Lack of administrative commitment to effective technology use schoolwide	5	16%	13%
Lack of online courses for my child to take	5	16%	15%
School does not have enough Internet bandwidth to access advanced digital tools	2	6%	9%
School Internet filters and firewalls are not effective enough in protecting my child when he/she is online	3	9%	7%

Students are using technology to cheat and hurt each other without appropriate consequences	4	13%	12%
Students rarely have access to technology in the classroom	9	28%	19%
Teachers are not taking advantage of technology that is at the school	10	31%	15%
Teachers are not taking advantage of technology to communicate more with me about my child	15	47%	21%
Teachers are not trained in how to effectively use technology within instruction	12	38%	16%
Technology use is very teacher dependent with a lot of variance between classes on usage	16	50%	33%
The technology at the school is out of date or ineffective	4	13%	12%
There are not enough computers for every student to use	15	47%	37%
There are too many rules against using technology at school	6	19%	7%
Other	4	13%	18%

**8 Many schools are exploring how to leverage mobile devices such as smartphones and tablet computers (iPads) to improve student achievement. What do you think would be the primary benefits of incorporating such devices into the classroom instruction? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access to online textbooks	22	63%	65%
Improves teacher-parent-student communications	19	54%	50%
Increases student engagement in school and learning	21	60%	57%
Increases teacher productivity	13	37%	29%
Provides a way for instruction to be personalized for each student	23	66%	48%
Provides a way for students to review classroom material after school	20	57%	60%
Provide a way for the teacher to create a learning center environment	17	49%	34%
Provides a way to help students who are struggling	21	60%	43%
Students develop collaboration and teamwork skills	8	23%	27%
Students develop critical thinking and problem solving skills	9	26%	33%
Students develop stronger communications skills	9	26%	23%
These devices help to extend learning beyond the school day	17	49%	50%
Use of these devices will help improve the teacher's technology skills	9	26%	24%
I don't think these devices will positively impact learning	5	14%	7%
No significant benefit	2	6%	6%
Other	2	6%	7%

**9 If your child's school allowed the use of mobile devices for educational purposes, how likely would you be to provide one for your child?**

Response	# of Responses	% of Responses	National %
Very likely	15	42%	39%

Likely	12	33%	27%
Not likely	3	8%	8%
Very unlikely	2	6%	5%
No opinion	0	0%	1%
Unsure	3	8%	8%
I think it is the responsibility of the school to provide technology for my child to use for educational purposes.	1	3%	12%

**10** Imagine there are two comparable classes at your child's school. In one class, your child could use their own mobile device (laptop, smartphone, tablet) in the class. In the other class, that was not allowed. How likely is that you would want your child to be in the class where he/she could use their own mobile device?

Response	# of Responses	% of Responses	National %
Very likely	17	47%	42%
Likely	8	22%	24%
Not likely	2	6%	8%
Very unlikely	0	0%	5%
Would not make a difference to me	3	8%	10%
Not sure	4	11%	10%
No opinion	2	6%	1%

**11** Many schools are now providing online classes for their students where the instruction and content is delivered primarily over the Internet. Based upon what you know about online classes, what would be the most important benefits to your child of taking an online class as part of their education? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability to review the material as many times as he/she wanted	17	52%	59%
Ability to work at his/her pace	24	73%	62%
Better fit for how my child wants to learn	9	27%	22%
Get college credit for an advance class	13	39%	43%
Get more individualized attention from the teacher	6	18%	20%
Increase my child's motivation or engagement in the course material	14	42%	30%
Keep my child in school and on track to graduate	7	21%	15%
Make class scheduling easier	9	27%	20%
Take a class not offered at his/her school	18	55%	51%
This would not be good for my child	2	6%	12%
No opinion	0	0%	4%
Other	4	12%	6%

**12** Have you ever taken a fully online or virtual course for your own purposes?

Response	# of Responses	% of Responses	National %
Yes - through my work or job	18	55%	43%
Yes - on my own to learn new skills	11	33%	22%
Yes - to explore a personal interest or hobby	7	21%	13%
Yes - as part of college or an academic program	11	33%	29%

Yes - for compliance such as online traffic school	1	3%	7%
No - but I would be interested in taking an online course if it was an option for me	11	33%	23%
No - and I don't think I would be interested in taking an online course	0	0%	10%

**13 Besides having strong subject area knowledge (such as in English, math, science, history) which of these skills do you think are most important for your child to learn to be successful in the future?**

Response	# of Responses	% of Responses	National %
Ability to communicate in more than one language	13	39%	49%
Ability to learn new skills independently	24	73%	64%
Ability to work with a diverse group of people	24	73%	67%
Appreciation of the arts	14	42%	33%
Awareness of global issues	20	61%	47%
Being creative and "thinking outside of the box"	25	76%	71%
Critical thinking and problem solving skills	27	82%	83%
Effective communications skills - both writing and verbal skills	28	85%	81%
Leadership skills	20	61%	66%
Financial literacy - understanding personal finances	21	64%	65%
Information and media literacy skills	14	42%	41%
Teamwork and collaboration skills	21	64%	62%
Technology skills	25	76%	69%
Understanding of civics and community responsibilities	16	48%	43%
Other	1	3%	3%

**14 Based upon your response to question 13, what do you think is the best way for your child to acquire these skills?**

Response	# of Responses	% of Responses	National %
Attending local government meetings	5	15%	11%
Being on a sports or academic team	14	42%	49%
Doing scientific experiments or conducting research projects	19	58%	43%
Debating current issues, within a club structure or informally	13	39%	34%
Keeping updated on global current affairs through news media sites	11	33%	37%
Learning a second language	11	33%	46%
Participating in after school or summer academic programs	11	33%	40%
Participating in school leadership opportunities	23	70%	58%
Public speaking opportunities through clubs or volunteer activities	12	36%	40%
Pursuing artistic and/or performance interests	10	30%	32%
Study abroad or participating in a student exchange program	6	18%	23%
Taking a special course to improve technology skills	18	55%	44%
Taking a variety of electives at school	18	55%	54%
Taking pre-professional or vocational classes	15	45%	27%
Using technology within his/her classes	21	64%	60%

Volunteering or completing an internship	14	42%	46%
Working on group projects in class	19	58%	49%
Other	2	6%	4%

**15 How do you want your child's teacher, school or district to communicate information to you? (check all that apply)**

Response	# of Responses	% of Responses	National %
Automated phone messages about my child's academic performance	7	21%	20%
Automated phone messages about my child's attendance	7	21%	24%
Broadcast or announcement messages to my home phone	5	15%	19%
Class blogs	6	18%	23%
Face-to-face meetings	20	61%	58%
Hard copy flyers or newsletters that are sent home with my child or mailed to us	5	15%	22%
Listserv messages or newsletters	11	33%	14%
Local newspaper or public TV announcements	4	12%	3%
Mobile app	8	24%	24%
Parent association meetings or school board meetings	5	15%	14%
Personal emails	28	85%	88%
Personal phone calls	11	33%	49%
School blog postings	3	9%	12%
School or district Facebook account	10	30%	15%
School or district informational website	16	48%	37%
School portal that includes information on grades and assignments	22	67%	48%
Skype or ichat for teacher-parent meetings	4	12%	9%
Text message to my mobile device	13	39%	37%
Use Twitter to send updates	2	6%	3%
Other	1	3%	2%

**16 How would you rate the effectiveness of your school or district's current ways of communicating with you?**

Response	# of Responses	% of Responses	National %
Very Effective	5	16%	21%
Effective	21	66%	63%
Ineffective	3	9%	10%
Very ineffective	3	9%	3%
No opinion/unsure	0	0%	2%

**17 Which of these social media tools or applications do you use for your own personal interests? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	20	61%	53%
Communicate with others through text message	27	82%	86%
Contribute to a wiki	3	9%	5%

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Create videos to post and share with others (such as: YouTube, Facebook video)	7	21%	17%
Download and view videos from the Internet	13	39%	37%
Follow blogs that interest me	14	42%	31%
Participate in an online community around a topic that I am interested in	12	36%	19%
Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	1	3%	3%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	10	30%	28%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	13	39%	34%
Take online classes	11	33%	29%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	18	55%	42%
Update my social networking profile (Facebook or LinkedIn)	19	58%	57%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	10	30%	27%
Use Twitter to communicate or follow others	7	21%	13%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	8	24%	27%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	4	12%	15%
Write collaboratively with others (such as: GOOGLE docs)	14	42%	15%
Write or contribute to a blog (my own or someone else's)	4	12%	8%
None of the above	2	6%	3%
Other	0	0%	2%

**18 What concerns you the most about your child(ren)'s Internet use at school or home? (check all that apply)**

Response	# of Responses	% of Responses	National %
Advertising and spam	16	48%	48%
Cheating on tests by using mobile devices to look up information	4	12%	25%
Copyright issues/illegal file sharing	4	12%	19%
Cyberbullying	16	48%	59%
Difficulty evaluating the credibility of an online resource	16	48%	41%
Ineffective Internet filters and firewalls	6	18%	32%
Meeting strangers online	19	58%	62%
Online predators	19	58%	67%
Plagiarism by copying and pasting online content	12	36%	27%
Privacy of records and information	10	30%	36%
Sharing too much personal information online	20	61%	70%
Too much time spent using technology	10	30%	47%
Violent or inappropriate video or online games	14	42%	42%

Websites that are inappropriate for my child's age	16	48%	59%
I don't have any concerns	0	0%	3%
Other	2	6%	4%

**19 What do you think is the best way for your child(ren) to learn about digital citizenship and being safe on the Internet? (check all that apply)**

Response	# of Responses	% of Responses	National %
From a teacher	29	88%	76%
From me or other family members	33	100%	90%
From their friends	3	9%	11%
Learn by using technology as part of their regular classes	21	64%	55%
Learn on their own just by using technology	6	18%	6%
Learn on their own (or from other's) mistakes	1	3%	6%
Learn through a special class at school	9	27%	38%
Learn through activities at school (Internet safety assembly, presentations, guest speakers)	18	55%	57%
Learn through activities outside of school (such as an afterschool program, church, library, club)	2	6%	18%
Learn through an online class	10	30%	13%
Listen to podcasts or watch videos about Internet safety	3	9%	17%
Other	1	3%	2%

**20 How much do you agree with this statement: Teachers' evaluations should include an assessment of how effectively they are using technology to enhance instruction and student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	13	39%	21%
Agree	13	39%	43%
Disagree	3	9%	14%
Strongly disagree	1	3%	5%
No opinion	2	6%	9%
I am not sure	1	3%	8%

**21 If you were on a technology committee for a new school, which of these would you recommend as a good investment to enhance student achievement? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	15	45%	40%
Ability to access the Internet anywhere at school	21	64%	45%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	29	88%	65%
Chat rooms for students to discuss topics while in class	4	12%	13%
Digital content (such as: databases, electronic books, animations, videos etc)	16	48%	50%
Digital media creation tools (video, audio)	17	52%	42%
Digital reader (such as: Kindle, Nook)	9	27%	45%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	21	64%	53%

Electronic portfolios for students	12	36%	29%
Games or virtual simulations	4	12%	12%
Handheld student response systems	14	42%	20%
High speed color printer	8	24%	21%
Interactive whiteboards (such as: Smartboard, Polyvision)	17	52%	52%
Laptop for every student to use at school	13	39%	44%
Learning management systems (such as: Blackboard)	17	52%	25%
Online classes	18	55%	36%
Online tests and assessments	17	52%	39%
Online textbooks	17	52%	56%
Online tutors	15	45%	43%
School portal or website	21	64%	51%
Simulations	9	27%	17%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	6	18%	12%
Tablet computer (such as iPad) for every student to use at school	17	52%	43%
Text messaging	4	12%	11%
Tools that help my child(ren) organize their work (such as: organize my assignments, take notes, organize my ideas)	15	45%	51%
Video conferences and webinars	11	33%	21%
Virtual or online whiteboard	6	18%	22%
Virtual reality games or environments	2	6%	5%
Other	1	3%	3%

22

**How much do you agree with this statement: My child(ren)'s school is doing a good job of using technology to enhance student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	3	9%	11%
Agree	18	55%	51%
Disagree	9	27%	17%
Strongly disagree	2	6%	4%
No opinion	0	0%	7%
Unsure	1	3%	10%

24

**Gender**

Response	# of Responses	% of Responses	National %
Female	30	91%	82%
Male	3	9%	18%

25

**Age**

Response	# of Responses	% of Responses	National %
Under 29	0	0%	2%
30-39	8	25%	30%
40-49	17	53%	51%
50-59	7	22%	15%
60-69	0	0%	1%

70 + 0 0% 0%

**26 Race or Cultural Identity**

Response	# of Responses	% of Responses	National %
American Indian/Alaskan Native	1	3%	1%
Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
Non-aboriginal	0	0%	0%
Asian	4	12%	4%
Decline to state	0	0%	0%
Black/African-American	0	0%	3%
Caucasian/White (non-Hispanic)	23	68%	73%
Hispanic/Latino	1	3%	5%
Native Hawaiian/Other Pacific Islander	0	0%	1%
Decline to state	3	9%	5%
Other	1	3%	1%

**27 Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Less than high school diploma	0	0%	1%
High school diploma	3	9%	7%
Some College	8	24%	27%
Bachelor's degree	6	18%	36%
Graduate Education	17	50%	30%

**28 Household Income**

Response	# of Responses	% of Responses	National %
Less than \$15,000	1	3%	2%
\$15,000 - \$24,999	2	6%	3%
\$25,000-\$49,999	4	13%	12%
\$50,000 - \$74,999	4	13%	18%
\$75,000 - \$99,999	7	22%	19%
\$100,000 - \$149,999	9	28%	25%
\$150,000-\$200,000	5	16%	11%
Over \$200,000	0	0%	10%

**29 Are you a member of any organized parent support groups for your child's school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Parent-Teacher Association (PTA - part of the national PTA organization)	4	14%	24%
Parent-Teacher Organization or similar local organization	7	24%	19%
Extracurricular parent booster organization (for sports teams, for band, for field trips etc.)	6	21%	24%
School education foundation	2	7%	2%
School site advisory council	3	10%	3%
Technology advisory group for the school or district	3	10%	1%
Room parent	2	7%	13%

## Speak Up 2012 Parents

None of the above	10	34%	40%
Other	4	14%	8%

State: MI

Results based on 444 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your current job responsibility?**

Response	# of Responses	% of Responses	National %
Teacher	323	74%	78%
Special education teacher	53	12%	10%
Librarian or media specialist	3	1%	0%
School technology coordinator	5	1%	1%
Academic or guidance counselor	15	3%	2%
Curriculum specialist	4	1%	1%
Paraprofessional, instructional aide or paraeducator	2	0%	4%
Coach or Mentor	3	1%	1%
Other	29	7%	4%

**2 Response**

Response	# of Responses	% of Responses	National %
pre-K	8	2%	2%
K-2	58	13%	18%
3-5	81	19%	20%
6-8	87	20%	22%
9-12	166	38%	30%
Ungraded	13	3%	2%
All grades	24	5%	7%

**3 What subject(s) do you currently teach primarily? (Select one)**

Response	# of Responses	% of Responses	National %
General Elementary (all subjects)	120	27%	29%
Business	6	1%	1%
Career Technical Education (includes vocational education, ROTC)	13	3%	2%
Computer Science	1	0%	0%
English	44	10%	11%
English as a second language	5	1%	1%
World languages	10	2%	2%
Health	4	1%	1%
Math	42	10%	11%
Physical education	6	1%	3%
Science	33	8%	7%
Social Studies or History	25	6%	6%
Special education	48	11%	9%

Technology (includes computer lab, information technology, media arts, technology education)	20	5%	2%
Visual and performing arts	9	2%	4%
Yearbook or Journalism	0	0%	0%
Other	54	12%	10%

**4 Thinking about your peers, do you consider yourself...**

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of my peers	157	36%	26%
An average tech user – about the same as my peers	252	58%	64%
A beginning tech user – less developed than my peers	27	6%	10%

**5 Tell us about the mobile devices that you use. These can be devices that are your own or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	20	5%	5%
My own device - but not on the school network	147	34%	35%
School provided device	2	0%	1%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	93	21%	16%
My own device - but not on the school network	207	47%	51%
School provided device - for use at school only	2	0%	1%

**Laptop**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	76	17%	16%
My own device - but not on the school network	174	40%	41%
School provided device - for use at school only	147	34%	42%

**Netbook**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	17	4%	2%
My own device - but not on the school network	32	7%	5%
School provided device - for use at school only	49	11%	7%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	59	14%	10%
My own device - but not on the school network	102	23%	22%
School provided device - for use at school only	76	17%	19%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	22	5%	3%
My own device - but not on the school network	124	28%	26%

School provided device - for use at school only 2 0% 1%  
**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	44	10%	6%
My own device - but not on the school network	195	45%	42%
School provided device - for use at school only	11	3%	4%

**6 Which of these activities do you regularly do using technology for professional tasks? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with colleagues using text messaging	293	68%	66%
Communicate with parents of my students using text messaging	105	24%	23%
Communicate with students using text messaging	62	14%	10%
Conduct Internet research	375	87%	89%
Create videos of my lectures or lessons for students to watch	74	17%	15%
Create multi-media presentations	204	48%	46%
Create podcasts for my students to listen to	24	6%	3%
Learn how to do something from an online video	313	73%	64%
Maintain a class blog or wiki	85	20%	13%
Manage electronic portfolios for students	57	13%	12%
Participate in professional online communities	216	50%	37%
Participate in video conferences or webinars	180	42%	26%
Read or post blog or wiki entries	124	29%	24%
Take an online class	259	60%	41%
Update my social networking profile (Facebook, LinkedIn)	230	54%	39%
Upload class information (such as: grades, homework assignments, teachers notes or presentations, podcasts, turn in assignments)	309	72%	72%
Use an education oriented social networking site with my students (i.e. Edmodo)	82	19%	14%
Use student response devices or online quizzes for formative assessment	126	29%	24%
Use Twitter as an informal professional development tool	35	8%	5%
Use Twitter to communicate with my students	11	3%	2%
Other	31	7%	6%

**7 How do you use technology to facilitate student learning? (check all that apply)**

Response	# of Responses	% of Responses	National %
Administer assessments	214	50%	47%
Conduct investigations	152	36%	34%
Create cues, questions or advanced organizers	153	36%	38%
Create graphic organizers for comparing, classifying, creating metaphors and analogies	198	46%	48%

Create physical models or use pictures to represent knowledge	148	35%	35%
Electronic portfolios	71	17%	11%
Encourage student self-monitoring of learning	193	45%	35%
Examine student performance trends to enhance instructional plans	158	37%	33%
Facilitate group collaboration and structure	103	24%	24%
Homework and practice	233	55%	52%
Note taking and synthesis of information	148	35%	30%
Post class related information online for student and parent access	179	42%	37%
Provide feedback to students	153	36%	29%
Set student objectives	137	32%	25%
Share exemplary student work in classroom, school or with parents	100	23%	19%
Support student creation of media and content	105	25%	21%
Track the relationship between effort and achievement	72	17%	12%
None of the above	21	5%	7%

**8 How important is the effective implementation of instructional technology to your students' success?**

Response	# of Responses	% of Responses	National %
Extremely Important	141	33%	32%
Important	175	41%	43%
Somewhat Important	92	22%	19%
Not Important	10	2%	4%
No Opinion	7	2%	2%

**9 Besides not having enough time in your school day, what are the major obstacles you face when using technology in your classroom? (Check all that apply)**

Response	# of Responses	% of Responses	National %
District policies limit the technology I can use	138	33%	28%
I am concerned about Internet safety issues and liabilities	108	26%	26%
I am concerned about the reliability of the technology	172	41%	37%
I cannot use my own mobile device (laptop, smartphone, tablet)	55	13%	15%
I don't know what technology is available for my use	30	7%	7%
I need additional professional development on classroom technology tools	169	40%	35%
I need additional professional development on how to effectively integrate technology into my instructional plan	158	37%	33%
Internet access is too slow or unreliable for downloading digital content I want to use	127	30%	26%
Lack of reliable technology support	143	34%	21%
Lack of support from administrators	51	12%	6%
My students know more about the technology than I do	52	12%	13%

Not all students and families have computer and Internet access at home	306	73%	67%
Not enough computers for students to use	226	54%	55%
School filters or firewalls block websites I need	174	41%	36%
Technology that is available to me is outdated	102	24%	18%
There are policies that restrict my access to Twitter, Facebook, Pinterest or other social media tools	129	31%	18%
Other	28	7%	8%

**10 Many schools are exploring how to leverage mobile devices such as smartphones and tablet computers (such as iPads) to improve student achievement. What do you think would be the primary benefits of incorporating such devices into instruction? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access to online textbooks	304	72%	65%
Helps teachers improve their technology skills	229	54%	51%
Improves teacher-parent-student communications	258	61%	52%
Increases student engagement in school and learning	344	81%	77%
Increases teacher productivity	187	44%	41%
Provides a way for instruction to be personalized for each student	255	60%	57%
Provides a way for me to create a learning centered environment	197	46%	43%
Provides a way for students to review classroom material afterschool	247	58%	53%
Provides opportunities for informal remediation	202	48%	46%
Students develop collaboration and teamwork skills	154	36%	37%
Students develop critical thinking and problem solving skills	184	43%	44%
Students develop stronger communications skills	147	35%	34%
Student ownership of learning	246	58%	54%
These devices help to extend learning beyond the school day	254	60%	55%
I don't think these devices will positively impact learning	11	3%	4%
No significant benefit	4	1%	4%
Other	5	1%	2%

**11 What is your biggest concern about students using mobile devices in your classroom? (check all that apply)**

Response	# of Responses	% of Responses	National %
I am concerned students will cheat on tests	132	31%	34%
I am concerned that students will be distracted doing other things such as texting, playing games, research	324	77%	74%
I am worried that I might lose control of the class	41	10%	12%
I don't have curriculum to support their use	122	29%	25%
I don't know how to effectively integrate mobile devices into my instruction	124	29%	28%
I don't know which features I could use for instruction	104	25%	23%

I don't see the value of using mobile devices within instruction	23	5%	6%
Not all of my students have mobile devices	299	71%	66%
Not appropriate for the ages of my students	68	16%	19%
Parents will not support the use of mobile devices	43	10%	8%
Teaching my students how to use mobile devices responsibly	125	30%	28%
Our school does not allow students to use mobile devices in class	147	35%	26%
No concern	18	4%	5%
Other	13	3%	4%

**12** There is a new trend in some schools where teachers assign videos of lectures or lessons for students to watch as homework, and then utilize the classroom time period for more in depth class discussions, projects, experiments or to provide personalized coaching to individual students. Some call this "flipped learning". What are your thoughts or experiences with this new classroom model? (Check all that apply)

Response	# of Responses	% of Responses	National %
I am doing this in my classroom with videos that I have found online	30	7%	6%
I am doing this in my classroom using videos that I am creating of my own lessons or lectures	18	4%	3%
I tried doing this last year but it did not work for me	6	1%	1%
I am interested in trying it this year	88	21%	18%
I am concerned that my students would not be able to access the videos at home	247	59%	53%
To do this I would need instruction in how to make the videos	113	27%	27%
To do this I would need instruction on how to find high quality videos online	89	21%	21%
To do this I would need instruction on how to best utilize the classroom time	85	20%	17%
I have heard about this but I am not interested	38	9%	15%
I have never heard of this before	53	13%	18%
Other	45	11%	11%

**13** What is your involvement/interest in online or virtual learning environments where instruction and content is delivered primarily over the Internet? (Check all that apply)

Response	# of Responses	% of Responses	National %
I am teaching all online courses this year	13	3%	2%
I have taught this kind of online course in addition to teaching traditional courses	38	9%	5%
I have taken this kind of an online course for my own professional development	212	51%	39%
I would be interested in taking an online course for professional development	110	26%	21%

I would be interested in teaching an online course	112	27%	17%
No interest	51	12%	20%
No involvement to date	78	19%	25%
Other	19	5%	3%

**14** There is a lot of national discussion on the potential of "blended learning" to transform education. In general, the concept means that students are engaged to some degree in face-to-face instruction in a traditional classroom while also spending time driving their own learning online. There are several different models of blended learning. Which if any of these models are you involved with as a teacher? (Check all that apply)

Response	# of Responses	% of Responses	National %
Primarily face-to-face instruction with some use of online curriculum, resources and tools to supplement or remediate instruction	213	51%	47%
Students rotate on a fixed schedule between self-directed, offsite online learning and participating in a traditional classroom	27	7%	6%
Teachers provide on site support for the students who are working through an online curriculum, usually in a school setting	49	12%	7%
Online course that is delivered to the students at a school site with online teachers that are remote	19	5%	3%
Students decide to take an online course from home but the majority of their classes are traditional, school setting courses	25	6%	4%
Students participate primarily in an online learning from home with an online teacher and may have occasional face-to-face checkins with the teacher	9	2%	2%
None of the above	133	32%	35%
I am not sure	24	6%	11%
Other	7	2%	2%

**15** What is on your wish list for professional development from your school or district this year? (Check all that apply)

Response	# of Responses	% of Responses	National %
How to create videos of my lessons and lectures for students to watch	83	20%	20%
How to develop an online course	60	14%	12%
Identifying high quality digital content to use within instruction	137	33%	31%
Identifying mobile apps to use in the classroom with students	129	31%	31%
Implementing a "flipped classroom" model	61	15%	15%
Implementing a blended learning model in my classroom	89	21%	18%
Integrating digital content components into a comprehensive curriculum	81	20%	17%

Preparing for the Common Core standards or other new state standards	217	52%	46%
Preparing for the 2014/15 online assessments	151	36%	29%
Using a tablet computer within instruction	128	31%	32%
Understand how to use education games within instruction	108	26%	26%
Using a variety of student owned mobile devices within instruction	70	17%	17%
Using social media to keep parents informed	66	16%	14%
Using social media with students	48	12%	11%
Using technology to differentiate instruction	202	49%	45%
Using technology tools for formative assessment	131	32%	27%
I am self-sufficient with my professional development	23	6%	7%
Other	10	2%	3%

**16 How much do you agree with this statement: Teachers' evaluations should include an assessment of how effectively they are using technology to enhance instruction and student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	28	7%	7%
Agree	169	40%	36%
Disagree	105	25%	30%
Strongly disagree	76	18%	17%
No opinion	40	10%	10%

**17 If your school or district adopted a 100% digital or online curriculum, besides computers and Internet access, what else would you need to effectively implement this curriculum in your classroom? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability for students to print lessons, reference materials or homework	256	62%	62%
Ability to easily share "best-practices" with my colleagues	210	51%	47%
Ability to manage my digital resources and lesson plans	239	58%	54%
Access to a centralized, searchable digital content repository organized into units of study	213	51%	46%
Access to a centralized, searchable digital content repository so that I can create my own curriculum	152	37%	34%
Appropriate formative and summative assessments	238	57%	54%
Digital resources organized into units of study and aligned to state standards	233	56%	52%
Onsite support to ensure reliable and consistent access to computers and the Internet	233	56%	52%
Professional development for effectively integrating digital resources into instruction	263	63%	59%
Students would need reliable access to digital resources outside of school	291	70%	66%
Other	30	7%	6%

**18 How often do you assign your students homework or projects where they will need to access online resources or content outside of the classroom?**

Response	# of Responses	% of Responses	National %
Never or almost never	156	38%	41%
Seldom - a few times a year	107	26%	26%
Sometimes - maybe once a month	81	20%	20%
Often - at least once a week	49	12%	10%
Always or almost daily	19	5%	4%

**19 What types of digital content are you currently using in your classroom? (check all that apply)**

Response	# of Responses	% of Responses	National %
3D content	16	4%	3%
Animations	86	21%	20%
Electronic book subscriptions	55	13%	10%
Game-based environments	123	30%	30%
Intelligent adaptive software	29	7%	5%
Online curriculum	92	22%	21%
Online databases (such as census data, education statistics)	60	14%	13%
Online periodical, news or journal subscriptions	78	19%	14%
Online subscription service of digital resources	42	10%	9%
Online textbooks	97	23%	21%
Podcasts	46	11%	6%
Real-time data (such as: population, weather, NASA, GOOGLE Earth, GIS etc)	88	21%	20%
Simulations	57	14%	10%
Software to help students develop skills (reading, writing, math, foreign language)	121	29%	30%
Teaching aids such as lesson plans, interventions, assessment software	170	41%	36%
Tutorials	93	22%	17%
Videos that I create myself	39	9%	8%
Videos that I find online (such as from Kahn Academy, YouTube, NASA)	206	50%	47%
Virtual field trips	66	16%	14%
Virtual labs	22	5%	6%
None of the above	39	9%	11%
Other	17	4%	5%

**20 Thinking about the use of game based software and applications for instructional purposes, what would be the primary reasons you would be interested in using digital or online games with your students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Address the different learning styles in my classroom	293	70%	67%
As a student engagement and motivation tool	326	78%	77%
As a vehicle for introducing new concepts	193	46%	43%
Collect assessment data on student proficiency	135	32%	32%

Create a learning centric classroom	83	20%	21%
Create an experiential environment for trial and error type activities	79	19%	18%
Facilitate student collaborative projects	85	20%	22%
Increase the real world context of my curriculum	131	31%	31%
Provide a way for students to visualize difficult concepts	201	48%	45%
Provide opportunities for students to practice skills or knowledge	238	57%	53%
Reinforce understanding and skill knowledge	244	59%	56%
To differentiate instruction	269	65%	57%
I don't see the value of using games within my classroom	12	3%	5%
Other	2	0%	1%

**21 Which of these factors would you consider most important when evaluating the quality of digital content to use in your classroom? (check all that apply)**

Response	# of Responses	% of Responses	National %
Certified by education membership associations and organizations	162	39%	34%
Compiled on a list by our State Department of Education or Ministry of Education	117	28%	24%
Content is fee-based	8	2%	3%
Content is free	236	57%	51%
It is an "Open Education Resource"	106	26%	22%
Learn about it on a webinar or virtual conference	77	19%	12%
Learned about the resource through a demonstration at a conference	126	31%	20%
Materials are created by practicing teachers	221	54%	50%
No commercial advertisements within the content	185	45%	44%
Recommended on education blogs and websites	111	27%	25%
Referred by a colleague	185	45%	43%
Research based	246	60%	54%
Source is a content expert organization (such as: National Science Foundation, universities)	129	31%	29%
Source is an established media or content producer (such as: NBC, Discovery, PBS)	101	25%	25%
Source is an online curriculum company or organization	34	8%	11%
Student achievement with the materials	175	43%	38%
Teacher evaluation of the materials	178	43%	40%
Textbook publisher recommendations	41	10%	10%
There is a mobile app version of the content	56	14%	12%
Other	11	3%	2%

**22 How much do you agree with this statement: My school is doing a good job of using technology to enhance student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	27	7%	13%

Agree	172	42%	53%
Disagree	117	29%	18%
Strongly disagree	47	12%	6%
No opinion	33	8%	6%
I don't know	12	3%	4%

**23 There is a lot of discussion about the value of online text verses printed text. Thinking about your classroom and students, which of these statements are true for you? (check all that apply)**

Response	# of Responses	% of Responses	National %
My students have better comprehension and retention after reading printed text	91	22%	25%
My students are more likely to look up words/concepts that they are not familiar with when reading online text	94	23%	24%
I worry that my students will get easily distracted when reading online text	153	37%	34%
I think that reading online better suits how my students want to learn	79	19%	19%
It is easier for my students to take notes when reading a printed text	102	25%	23%
I think you need to learn different skills to effectively comprehend information from an online article	119	29%	25%
I am reluctant to assign online reading because my students don't have access to the internet outside of school	191	47%	40%
I regularly assign online articles for my students to read	32	8%	5%
When I am preparing for a lesson, I am more likely to print supporting materials than just rely upon the online versions	154	38%	32%
I read longer when I am reading a printed book or article than an online text	109	27%	24%
Too much online reading creates eyestrain for me	100	24%	26%
I rely more on printed text in my classroom than online text	194	47%	47%
My personal preference is to read printed text rather than online text	161	39%	38%

**24 Which of these social media tools and applications do you use for your personal interests? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	233	57%	51%
Communicate with others through text message	317	78%	79%
Contribute to a wiki	40	10%	7%
Create videos to post and share with others (such as: YouTube, Facebook video)	64	16%	15%
Download and view videos from the Internet	232	57%	54%
Follow blogs that interest me	139	34%	31%
Participate in an online community around a topic that I am interested in	109	27%	19%

Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	10	2%	3%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	155	38%	31%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	175	43%	38%
Take an online class	228	56%	40%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	199	49%	46%
Update my social networking profile (Facebook, LinkedIn)	229	56%	52%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	150	37%	31%
Use Twitter to communicate or to follow others	62	15%	13%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	158	39%	30%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	79	19%	13%
Write collaboratively with others (such as: GOOGLE docs)	121	30%	22%
Write or contribute to a blog (my own or someone else's)	42	10%	9%
None of the above	10	2%	5%
Other	3	1%	1%

**25 How has your use of technology within instruction enhanced your students' academic success? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Students are applying their knowledge to practical problems	134	33%	27%
Students are creating models and testing their assumptions	37	9%	8%
Students are demonstrating higher levels of proficiency on standardized tests	41	10%	11%
Students are developing their creativity	158	39%	36%
Students are developing their problem-solving and critical thinking skills	127	31%	29%
Students are gaining a better understanding of the class material through "trial and error"	105	26%	21%
Students are more deeply exploring their ideas	86	21%	19%
Students are more motivated to learn	230	56%	52%
Students are participating more in discussions or group activities	83	20%	19%
Students are spending more time on drill and practice	103	25%	18%
Students are taking ownership for their learning	132	32%	26%
Students are working together more often	98	24%	22%
Students have a better understanding of abstract concepts	59	14%	13%
Students learn that failure is an opportunity to learn	63	15%	12%
None of the above	58	14%	18%
Other	12	3%	3%

**26 How has the use of technology improved your effectiveness as a teacher?**

Response	# of Responses	% of Responses	National %
I am better organized	212	53%	50%
I am creating more interactive lessons	182	45%	45%
I am creating more relevant lessons	151	37%	33%
I am facilitating student centered learning	143	35%	32%
I am managing my class more effectively	133	33%	29%
I am more connected to my students	116	29%	22%
I am more productive	160	40%	34%
I encourage students to be more self-directed	144	36%	29%
I facilitate collaboration between students	86	21%	18%
I give my students more personalized attention	83	21%	18%
I have a better understanding of what my students are learning	84	21%	18%
I have time to differentiate instruction	113	28%	23%
I know when students are having problems with the content	94	23%	18%
I spend more time with individual students to help them understand the content	77	19%	15%
It's easier to assess how my students are doing	121	30%	25%
It's easier to edit lesson plans for the future	134	33%	31%
None of the above	36	9%	11%
Other	10	2%	2%

**27 In the past year, which of these things have you done on your own (not district directed or part of a formalized professional development class) to improve your teaching effectiveness? (check all that apply)**

Response	# of Responses	% of Responses	National %
Attend a face to face conference	204	50%	36%
Created my own video or podcast to help me share my knowledge with others	37	9%	6%
Found a mentor online	15	4%	2%
Found experts online who could answer my questions	114	28%	20%
Found information on the Internet to help me prepare/deliver a lesson	278	69%	64%
Listened to podcasts or watched videos about a topic I was interested in	195	48%	35%
Participated in a webinar or online conference	157	39%	20%
Posted a question to a blog or wiki	64	16%	11%
Provided online support to other teachers	76	19%	13%
Sought help from other teachers through my social networking site	91	23%	16%
Started a wiki or blog to share my ideas and connect me with others	21	5%	4%
Took a self-paced tutorial on a subject	110	27%	15%
Took an online course	152	38%	26%

Took online assessments to test my own knowledge on a subject	96	24%	14%
Took part in an online game or simulation	86	21%	18%
Used a mobile application to learn about a subject that interested me	123	30%	26%
Used a mobile application to help me with my self-organization	106	26%	20%
Used Twitter to communicate or to follow others	59	15%	10%
None of the above	16	4%	10%
Other	1	0%	1%

**28** Imagine you are designing the ultimate school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	189	47%	45%
Ability to access the Internet anywhere at school and in my classroom	313	77%	72%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	261	65%	60%
Chat rooms to discuss topics with students while in class	67	17%	18%
Digital content (such as: databases, electronic books, animations, videos etc)	213	53%	49%
Digital media creation tools (such as: video, audio)	187	46%	45%
Digital reader (such as: Kindle, Nook)	179	44%	44%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	212	52%	44%
Electronic portfolios for students	153	38%	34%
Games or virtual simulations	141	35%	38%
Handheld student response systems	168	42%	38%
High speed color printers	148	37%	36%
Interactive whiteboards (such as: Smartboard, Polyvision)	238	59%	56%
Laptop for every student to use at school	249	62%	57%
Learning management systems (such as: Blackboard)	108	27%	22%
Online classes	97	24%	21%
Online tests and assessments	173	43%	39%
Online textbooks	201	50%	44%
Online tutors	137	34%	31%
School portal or website	137	34%	28%
Simulations	112	28%	23%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	82	20%	19%
Tablet computer (such as iPad) for every student to use at school	202	50%	44%
Text messaging	73	18%	18%

Tools that help students organize their work (such as: communication, organize my assignments, take notes, organize my ideas)	163	40%	35%
Video conferences and webinars	88	22%	18%
Virtual or online whiteboard	99	25%	21%
Virtual reality games or environments	59	15%	13%
Other	10	2%	2%

**30 Are you . . .**

Response	# of Responses	% of Responses	National %
Female	306	79%	80%
Male	83	21%	20%

**31 Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Some College	3	1%	2%
Bachelor's degree	57	14%	38%
Early Childhood Development Certificate	11	3%	3%
Paraprofessional certificate	0	0%	2%
Masters degree in education	290	72%	53%
Masters degree other than education	56	14%	9%
Teaching certificate - elementary/multiple subject	83	21%	20%
Teaching certificate - single subject	26	6%	11%
Doctorate (PhD, EdD)	4	1%	1%
Other	37	9%	7%

**32 At the end of this school year, how many years of teaching experience will you have?**

Response	# of Responses	% of Responses	National %
1-3	19	5%	10%
4-10	70	17%	28%
11-15	122	30%	22%
16+	190	47%	41%

**33 What is your race or cultural identity?**

Response	# of Responses	% of Responses	National %
American Indian/Alaskan Native	0	0%	0%
Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
Non-aboriginal	0	0%	0%
Asian	4	1%	1%
Black/African-American	30	7%	3%
Decline to state	0	0%	0%
Caucasian/White (non-Hispanic)	334	81%	78%
Hispanic/Latino	3	1%	4%
Native Hawaiian/Other Pacific Islander	1	0%	0%
Decline to state	13	3%	5%
Other	4	1%	1%

**34** Are you a member of ISTE (the International Society for Technology in Education) or one of the ISTE state affiliates?

Response	# of Responses	% of Responses	National %
Yes, I am a member of the national organization, ISTE	9	2%	2%
Yes, I am a member of an ISTE state affiliated organization (please put the name of that organization in the "other" box)	13	3%	1%
No, not a member currently	330	83%	89%
I have been a member in the past	12	3%	2%
I am not familiar with this organization, but would like to be	52	13%	7%
I don't know if I am a member	6	2%	3%
Other	14	4%	1%

State: MI

Results based on 15 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your current job responsibility? (select one)**

Response	# of Responses	% of Responses	National %
Librarian	0	0%	13%
Librarian Media Specialist	4	27%	35%
Library Assistant	1	7%	11%
Media Specialist	3	20%	5%
Teacher Librarian	2	13%	10%
Instructional Technology Specialist	4	27%	11%
Other	1	7%	15%

**2 Where do you primarily work? (select one)**

Response	# of Responses	% of Responses	National %
Response	11	73%	92%
District	2	13%	6%
Public Library	1	7%	0%
Other	1	7%	2%

**3 Thinking about your peers, do you consider yourself..**

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of my peers	13	87%	52%
An average tech user – about the same as my peers	2	13%	43%
A beginning tech user – less developed than my peers	0	0%	5%

**4 Tell us about the mobile devices that you use. These can be devices that are your own or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	13%	4%
My own device - but not on the school network	7	47%	36%
School provided device	0	0%	2%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	5	33%	22%
My own device - but not on the school network	4	27%	43%
School provided device	0	0%	1%

**Laptop**

Response	# of Responses	% of Responses	National %
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My own device - and it is on the school network	5	33%	14%
My own device - but not on the school network	6	40%	36%
School provided device	8	53%	50%

**Netbook**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	0	0%	2%
My own device - but not on the school network	1	7%	5%
School provided device	2	13%	10%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	3	20%	12%
My own device - but not on the school network	5	33%	21%
School provided device	6	40%	29%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	13%	7%
My own device - but not on the school network	3	20%	34%
School provided device	0	0%	8%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	1	7%	7%
My own device - but not on the school network	4	27%	42%
School provided device	1	7%	8%

5

**How do you use technology to support the teachers? (check all that apply)**

Response	# of Responses	% of Responses	National %
Acquire and catalogue resources online	9	60%	72%
Answer questions about how to use various types of technology (software or hardware)	14	93%	79%
Conduct Internet research for teachers	9	60%	70%
Create resource collections	8	53%	62%
Create technology lessons for teachers	7	47%	38%
Create videos, podcasts or multi-media presentations for instructional purposes	8	53%	38%
Evaluate software for instructional use	8	53%	37%
Find digital content (such as: games, animations, simulations, 3D content) for teachers to use in their lessons	9	60%	51%
Find education mobile apps appropriate for classroom use	8	53%	37%
Find podcasts, videos or presentations that can be used in lessons	7	47%	43%
Help teachers create videos, podcasts or multi-media presentations	8	53%	37%
Help teachers with online assessments	9	60%	35%

Identify text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries)	11	73%	58%
Make purchasing recommendations for technology (such as: hardware, software, subscription services, electronic resources, digital content, etc)	11	73%	50%
Manage online subscriptions	6	40%	40%
Manage website or portal	11	73%	53%
Participate with teachers in a professional learning community	9	60%	62%
Provide information about teaching digital citizenship and/or media literacy	9	60%	56%
Publish list of instructional resources	5	33%	45%
Train teachers about how to locate or evaluate digital content	6	40%	40%
Upload resources to library portal (such as: digital content, presentations, podcasts, recommended websites, articles, e-books)	10	67%	41%
This is not part of my current job responsibilities	1	7%	9%
Other	1	7%	5%

**6 How important is the effective implementation of instructional technology to the success of students in your school/district/community? (select one)**

Response	# of Responses	% of Responses	National %
Extremely Important	11	79%	68%
Important	3	21%	28%
Somewhat Important	0	0%	4%
Not Important	0	0%	0%

**7 Currently who has the primary responsibility for identifying, evaluating and recommending the digital content used in classrooms?**

Response	# of Responses	% of Responses	National %
A district curriculum committee	2	14%	18%
A school based curriculum committee	1	7%	4%
Curriculum Specialists	4	29%	6%
Instructional Technology Specialists or Coordinators	1	7%	18%
Principal	2	14%	4%
Librarian/Media Specialist	0	0%	4%
Teachers identify their own digital content	3	21%	23%
I don't know	0	0%	17%
Other	1	7%	6%

**8 What types of digital content do you regularly recommend to teachers? (check all that apply)**

Response	# of Responses	% of Responses	National %
3D Content	0	0%	3%
Animations	4	29%	16%
Electronic book subscriptions	4	29%	33%
Game-based environments	3	21%	21%

## Speak Up 2012 Librarians

Intelligent adaptive software	0	0%	8%
Online curriculum	6	43%	33%
Online databases (such as: census data, education statistics)	5	36%	52%
Online periodical, news or journal subscriptions	4	29%	47%
Online subscription service of digital content	5	36%	35%
Online textbooks	4	29%	17%
Podcasts	4	29%	17%
Real-time data (such as: population, weather, NASA, GOOGLE earth, GIS, etc.)	6	43%	37%
Simulations	2	14%	12%
Software to help students develop skills (reading, writing, math, foreign language)	9	64%	38%
Teaching aids such as lesson plans, interventions, assessment software	6	43%	38%
Tutorials	7	50%	31%
Videos that I create myself	6	43%	13%
Videos that I find online (such as from Kahn Academy, YouTube, NASA)	8	57%	44%
Virtual field trips	4	29%	27%
Virtual labs	2	14%	9%
This is not part of my current job responsibilities	3	21%	20%
Other	0	0%	3%

### 9 How do you learn about new digital content that you could recommend to teachers?

Response	# of Responses	% of Responses	National %
Ask other librarians for recommendations	9	64%	55%
Attend conferences	11	79%	56%
Attend webinars or virtual conferences	9	64%	45%
Conduct Internet search	12	86%	70%
Look at the resources students are using	7	50%	40%
Look for resources published by content expert organization (such as: National Science Foundation, universities)	5	36%	38%
Look for resources published by established media or content producer (such as: NBC, Discovery, PBS)	7	50%	47%
Review journal articles	7	50%	45%
Review recommendations from education membership associations (or organizations)	8	57%	40%
Review recommendations from State Department of Education or Ministry of Education	4	29%	23%
Review recommendations in education blogs or wikis	7	50%	40%
Through the online communities I'm a member of	7	50%	37%
Use resources recommended by my school district	7	50%	51%
Use Twitter to ask others about the resources they are using	2	14%	11%
This is not part of my current job responsibilities	3	21%	17%
Other	0	0%	2%

**10 Which of these factors would you consider most important when evaluating the quality of digital content? (check all that apply)**

Response	# of Responses	% of Responses	National %
Accuracy of the content	11	79%	87%
Alignment to curriculum and standards (district, state, national or province)	10	71%	80%
Content is research-based	6	43%	56%
Cost	11	79%	70%
Credibility of the organization publishing the materials	8	57%	70%
Credibility of the person or organization that referred the resource to me	3	21%	33%
Digital content can be used for basic skills development in a specific subject area	4	29%	36%
Digital content can be used to develop students' higher order thinking skills	7	50%	51%
Digital content is created by practicing teachers	3	21%	17%
Digital content is highly engaging and interactive	8	57%	55%
Ease of use for teacher and student	10	71%	82%
Evidence of demonstrated student achievement as a result of using the materials	3	21%	38%
Flexibility of the digital content to be used in a variety of instructional settings (in class, afterschool, independent study)	5	36%	39%
Includes imbedded online assessments	3	21%	15%
Students have the ability to use the digital content at school or home	7	50%	52%
Teacher evaluation of digital content	4	29%	28%
Teachers can use the digital content in a variety of ways (such as whole class instruction, group work, individual projects)	4	29%	48%
The resources can be easily integrated into our digital content library or learning management system	2	14%	28%
Other	0	0%	1%

**11 Besides time, what top barriers do you face when helping teachers integrate digital content into their lessons?**

Response	# of Responses	% of Responses	National %
Digital content is not organized in the appropriate scope and sequence	0	0%	16%
Digital content is not provided as part of our textbooks	0	0%	12%
Helping teachers move from sporadic to sustained usage	7	50%	41%
I am unable to locate appropriate digital content aligned to our curriculum or state standards	1	7%	5%
I am unsure about copyright issues	0	0%	7%
I don't know how to evaluate the quality of digital content	0	0%	6%

Internet bandwidth is insufficient to support digital content use	2	14%	24%
Lack of administrative support	1	7%	8%
Lack of computer access at school (or district)	5	36%	30%
Lack of funding to purchase digital content	10	71%	51%
Locating appropriate types of digital content for specific instructional strategies	0	0%	16%
Reliable, consistent access to digital content	2	14%	23%
School filters and firewalls block access to the content	7	50%	42%
Students do not have access to computers or the Internet outside of school	3	21%	34%
Teachers are not comfortable incorporating digital content into their lessons	5	36%	39%
Teachers are not interested in incorporating digital content into their lessons	2	14%	20%
Using digital content to create meaningful learning experiences	2	14%	13%
Other	2	14%	9%

12

**Which of the following professional development experiences or resources would be most effective in helping teachers better use digital content in their classroom?**

Response	# of Responses	% of Responses	National %
Access to a collection of vetted, grade level, content specific resources	8	62%	60%
Blogs, wikis and chat rooms where teachers can share success stories, struggles and challenges	4	31%	23%
Collection of relevant podcasts	3	23%	18%
Downloadable whitepapers or reports that a teacher can review on their own time	0	0%	12%
Facebook-type environment for sharing best practices and ideas	4	31%	21%
Face-to-face professional development	6	46%	56%
Mentoring by an instructional coach on site	4	31%	50%
Online course	5	38%	21%
Online mentoring by a content specific expert	3	23%	15%
Participation in a professional learning community at his/her school	6	46%	45%
Participation in an online community of practice with like-minded teachers	2	15%	23%
Series of webinars about specific kinds of digital content	4	31%	26%
Support from a library media specialist who can help with digital content identification and usage	5	38%	45%
Video clips of teachers demonstrating use of digital content in their content area	2	15%	34%
Other	0	0%	4%

**13** There is a lot of discussion about the value of online text versus printed text. Thinking about the students and teachers in your school or district, which of these statements are true for you?

Response	# of Responses	% of Responses	National %
Students have better comprehension and retention after reading printed text	3	21%	23%
Students are more likely to look up words/concepts that they are not familiar with when reading an online text	4	29%	36%
I worry that students will get easily distracted when reading online text	3	21%	32%
I think that reading online better suits how students want to learn	4	29%	32%
It is easier for students to take notes when reading a printed text	2	14%	26%
I think you need to learn different skills to effectively comprehend information from an online article	8	57%	41%
Teachers are reluctant to assign online reading because some students don't have access to the Internet outside of school	5	36%	61%
I regularly recommend online articles for students to read	1	7%	16%
When I am preparing to work with a teacher, I am more likely to print supporting materials than just rely upon the online versions	3	21%	28%
I read longer when I am reading a printed book or article than an online text	6	43%	42%
Too much online reading creates eyestrain for me	2	14%	32%
I rely more on printed text in my professional tasks than online text	3	21%	19%
My personal preference is to read online text rather than printed text	3	21%	16%

**14** What is your involvement/interest in online or virtual learning environments where instruction and content is delivered primarily over the Internet? (Check all that apply)

Response	# of Responses	% of Responses	National %
I am teaching all online courses this year	1	7%	1%
I have taught this kind of online course in addition to teaching traditional courses	5	36%	6%
I have taken this kind of an online course for my own professional development	9	64%	57%
I would be interested in taking an online course for professional development	5	36%	32%
I would be interested in teaching an online course	6	43%	21%
No interest	1	7%	5%
No involvement to date	4	29%	24%
Other	1	7%	3%

**15** In the past year, which of these things have you done on your own (not district directed or part of a formalized professional development class) to improve your leadership capabilities or professional skills? (check all that apply)

Response	# of Responses	% of Responses	National %
Attended a face to face conference	9	64%	53%
Created my own video or podcast to help me share my knowledge with others	7	50%	16%
Found a mentor online	0	0%	3%
Found experts online who could answer my questions	9	64%	35%
Found information on the Internet	14	100%	88%
Listened to podcasts or watched videos about a topic that interested me	8	57%	60%
Participated in a webinar or online conference	10	71%	52%
Posted a question to a blog or wiki	7	50%	29%
Sought help from others through my social networking site	6	43%	34%
Started a wiki or blog to share my ideas and connect me with others	4	29%	13%
Supported teachers (or other colleagues) online	8	57%	36%
Took a self-paced tutorial on a subject	7	50%	32%
Took an online course	6	43%	28%
Took online assessments to test my own knowledge on a subject	5	36%	21%
Took part in an online game or simulation	5	36%	26%
Used a mobile application to learn about a subject that interested me	4	29%	41%
Used mobile applications to help me with my self-organization	7	50%	36%
Used Twitter to communicate or to follow others	5	36%	24%
None of the above	0	0%	5%
Other	0	0%	1%

**16** How much do you agree with this statement: My school/district is doing a good job of using technology to enhance student achievement.

Response	# of Responses	% of Responses	National %
Strongly agree	2	14%	17%
Agree	9	64%	58%
Disagree	2	14%	16%
Strongly disagree	1	7%	4%
No opinion	0	0%	3%
I don't know	0	0%	2%

**17** If your school or district adopted a 100% digital or online curriculum, besides computers and Internet access, what else would your teachers need to effectively implement this curriculum in their classroom?

Response	# of Responses	% of Responses	National %
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Ability for students to print lessons, reference materials or homework	7	50%	59%
Ability to easily share “best-practices” with colleagues	8	57%	53%
Ability to manage digital resources and lesson plans	9	64%	70%
Access to a centralized, searchable digital content repository organized into units of study	8	57%	57%
Appropriate formative and summative assessments	10	71%	54%
Digital resources organized into units of study and aligned to state standards	6	43%	64%
Onsite support to ensure reliable and consistent access to computers and the Internet	8	57%	67%
Professional development for effectively integrating digital resources into instruction	10	71%	77%
Students would need reliable access to digital resources outside of school	7	50%	77%
Other	0	0%	5%

**18** Imagine you are designing the ultimate school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	4	29%	60%
Ability to access the Internet anywhere at school and in my classroom	7	50%	81%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	8	57%	70%
Chat rooms to discuss topics with students while in class	4	29%	23%
Digital content (such as: databases, electronic books, animations, videos etc)	8	57%	75%
Digital media creation tools (such as: video, audio)	9	64%	68%
Digital reader (such as: Kindle, Nook)	5	36%	50%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	6	43%	62%
Electronic portfolios for students	8	57%	51%
Games or virtual simulations	5	36%	33%
Handheld student response systems	5	36%	39%
High speed color printers	3	21%	31%
Interactive whiteboards (such as: Smartboard, Polyvision)	4	29%	58%
Laptop for every student to use at school	4	29%	61%
Learning management systems (such as: Blackboard)	6	43%	38%
Online classes	5	36%	33%
Online tests and assessments	6	43%	46%
Online textbooks	8	57%	53%
Online tutors	5	36%	39%
School portal or website	5	36%	51%

Simulations	4	29%	27%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	7	50%	38%
Tablet computer (such as iPad) for every student to use at school	4	29%	52%
Text messaging	1	7%	17%
Tools that help students organize their work (such as: communication, organize my assignments, take notes, organize my ideas)	8	57%	62%
Video conferences and webinars	4	29%	34%
Virtual or online whiteboard	2	14%	27%
Virtual reality games or environments	2	14%	16%
Other	1	7%	3%

**20 Are you . . .**

Response	# of Responses	% of Responses	National %
Female	10	83%	91%
Male	2	17%	9%

**21 Which of these degrees or certifications do you currently hold?**

Response	# of Responses	% of Responses	National %
Associate degree	3	21%	12%
Bachelor degree	8	57%	57%
Masters degree in Education	5	36%	18%
Masters degree in Education (with specialization in library media)	3	21%	12%
Masters degree in Educational/Instructional Technology	2	14%	8%
Masters degree in Learning Technologies	0	0%	0%
Masters degree in Library Science	3	21%	32%
Masters degree in a specialty other than Education	1	7%	5%
Librarian Certification	0	0%	11%
Librarian Media Specialist Certification	3	21%	33%
National Board Certification	0	0%	4%
Teaching Credential	1	7%	20%
Doctorate (PhD, EdD)	0	0%	1%
Other	2	14%	17%

**22 At the end of this school year, how many years of experience will you have as a librarian or media specialist?**

Response	# of Responses	% of Responses	National %
1-3	5	36%	19%
4-10	2	14%	31%
11-15	2	14%	19%
16+	5	36%	30%

**23 What is your race or cultural identity?**

Response	# of Responses	% of Responses	National %
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Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
American Indian/Alaskan Native	0	0%	0%
Asian	0	0%	1%
Non-aboriginal	0	0%	0%
Decline to state	0	0%	0%
Black/African-American	2	14%	2%
Caucasian/White (non-Hispanic)	12	86%	79%
Hispanic/Latino	0	0%	4%
Native Hawaiian/Other Pacific Islander	0	0%	0%
Decline to state	0	0%	5%
Other	0	0%	2%

**24** Are you a member of ISTE (the International Society for Technology in Education) or one of the ISTE state affiliates?

Response	# of Responses	% of Responses	National %
Yes, I am a member of the national organization, ISTE	1	7%	7%
Yes, I am a member of an ISTE state affiliated organization (please put the name of that organization in the "other" box)	2	14%	4%
No, not a member currently	10	71%	80%
I have been a member in the past	4	29%	7%
I am not familiar with this organization, but would like to be	1	7%	6%
I don't know if I am a member	0	0%	2%
Other	1	7%	6%

State: MI

Results based on 52 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your current job responsibility?**

Response	# of Responses	% of Responses	National %
Principal, Headmaster or Executive Director	25	51%	43%
Assistant Principal	8	16%	26%
Guidance, Career or Admissions Counselor	4	8%	8%
Curriculum & Instruction (includes Curriculum Coaches)	5	10%	2%
Instructional Technology Specialists	0	0%	0%
Pupil Services (Case Managers, Social Workers, Special Education, etc)	1	2%	2%
Technology Support Staff	0	0%	1%
Title I Director/Coordinator	0	0%	0%
Administrative or Support Staff	3	6%	12%
Response	3	6%	5%

**2 What type of school are you currently assigned to?**

Response	# of Responses	% of Responses	National %
Elementary School	22	45%	46%
Middle School or Junior High School	12	24%	26%
High School	10	20%	30%
Alternative School	2	4%	2%
Virtual or online school	0	0%	1%
Other	9	18%	5%

**3 As a school leader you are faced with many challenges. Which of these challenges qualify as your top challenges- the ones most likely to "wake you up" in the middle of the night?**

Response	# of Responses	% of Responses	National %
Achievement measured by standardized test scores	26	53%	48%
Adequate funding	12	24%	40%
Adequate school facilities	2	4%	16%
Adequate technology	13	27%	28%
Adherence to curriculum standards (e.g. state, national, provincial)	9	18%	20%
Closing the achievement gap	28	57%	44%
Communications with parents	8	16%	28%
High school graduation rates	7	14%	13%
Incorporation of 21st century skill development into curriculum	5	10%	21%
Legislative mandates	19	39%	24%

Recruitment and retention of highly qualified teachers	5	10%	16%
School public image in the community	5	10%	22%
School safety	11	22%	35%
Serving diverse student populations	9	18%	24%
Special education issues and legal compliance	8	16%	28%
Staff morale/motivation	21	43%	45%
Students' behavior/attendance issues	16	33%	40%
Students' health including substance abuse, teen pregnancy, family issues	6	12%	16%
Use of technology within instruction	6	12%	22%
Using data to assess student achievement	11	22%	30%
Using student data to evaluate teacher performance	11	22%	24%
Other	4	8%	5%

**4 There is an increased demand to improve student outcomes especially in terms of increasing college matriculation and career readiness. Which of the following do you believe has the greatest potential to enhance student achievement in your school?**

Response	# of Responses	% of Responses	National %
Aligning local curriculum to the national Common Core standards or new state standards	26	53%	49%
Creating academies focused on career technical education and exploration	4	8%	23%
Developing an "individualized education plan" for every student	20	41%	23%
Developing enhanced leadership skills for our administrators	6	12%	19%
Engaging parents as co-teachers	14	29%	37%
Enhancing teacher effectiveness through professional development or professional learning communities	24	49%	57%
Improving pre-service teacher preparation programs	3	6%	20%
Increasing career exploration opportunities for students in science, technology, engineering and math	9	18%	30%
Increasing student access in Advanced Placement courses in high school	4	8%	14%
Increasing the length of the school day or school year	6	12%	14%
Integrating 21st century skills into the curriculum	15	31%	49%
Leveraging technology more effectively such as through online learning, digital textbooks and/or mobile devices	12	24%	37%
Utilizing assessments for measuring 21st century competencies	5	10%	25%
Utilizing longitudinal data systems to better track student learning performance and college/career readiness	8	16%	27%
Other	3	6%	4%

**5 How important is the effective implementation of instructional technology to your school's core mission?**

Response	# of Responses	% of Responses	National %
Extremely Important	14	29%	50%
Important	25	51%	42%
Somewhat Important	9	18%	7%
Not Important	1	2%	0%
No Opinion	0	0%	0%

**6 Specific to the use of technology within instruction, besides funding which of these issues are the most challenging for you and school right now?**

Response	# of Responses	% of Responses	National %
Assessment of students' technology skills	8	16%	17%
Availability of technology for students' use at school	24	49%	54%
Communication tools for connecting with parents	9	18%	22%
Creating a technology vision for our school	6	12%	22%
Developing acceptable/responsible use policies for students and teachers	5	10%	10%
Developing mobile device and social media policies	7	14%	20%
Differentiating between technology vendors	3	6%	4%
Digital equity issues (student access to technology & Internet at home)	16	33%	41%
Evaluating emerging technologies for classroom use	15	31%	28%
Evaluating quality of digital content or online courses	2	4%	12%
Identifying a mobile learning platform	4	8%	8%
Implementation of a learning management system	5	10%	9%
Incorporating student owned mobile devices into instruction	6	12%	26%
Incorporating student owned mobile devices into our network	3	6%	15%
Internet capacity and bandwidth to accommodate multi-media and digital content	9	18%	27%
Preparing for online assessments	18	37%	34%
Providing accessible printers for student and teacher use	8	16%	17%
Providing online courses for students	5	10%	13%
School or district filters or firewalls	7	14%	19%
Speed and accessibility of the school/district network	9	18%	26%
Staff professional development	24	49%	49%
State or federal legislation that gets in the way of our plans	4	8%	7%
Student safety online	8	16%	27%
Technology support	20	41%	34%
Using social media effectively	7	14%	24%
Other	2	4%	3%

**7 How do you use technology to assist you with professional tasks? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with colleagues using text messaging	32	65%	71%
Communicate with parents using text messaging	11	22%	27%

Conduct Internet research	41	84%	81%
Create and post videos about school information	12	24%	24%
Create multi-media presentations	23	47%	53%
Learn how to do something from an online video	25	51%	54%
Participate in professional online communities	27	55%	45%
Participate in webinars or video conferences	32	65%	63%
Read or post blog or wiki entries	9	18%	30%
Share information with other administrators and staff via district portal	21	43%	49%
Take an online class	22	45%	36%
Update my profile on a social networking site (LinkedIn or Facebook)	12	24%	25%
Use tablets and video capabilities during classroom observations	21	43%	40%
Use Twitter as a informal professional development tool	4	8%	12%
None of the above	1	2%	2%

**8 Thinking about your peers, do you consider yourself...**

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of my peers	10	20%	24%
An average tech user – about the same as my peers	37	76%	67%
A beginner tech user – less developed than my peers	2	4%	9%

**9 Tell us about the mobile devices that you use. These can be devices that are your own or provided to you by your school. Select the choices that are true for you.**

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	4%	7%
My own device - but not on the school network	5	10%	22%
School provided device	8	16%	7%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	18	37%	32%
My own device - but not on the school network	17	35%	38%
School provided device	6	12%	14%

**Laptop**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	13	27%	17%
My own device - but not on the school network	14	29%	24%
School provided device	29	59%	56%

**Netbook**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	0	0%	2%
My own device - but not on the school network	3	6%	4%
School provided device	11	22%	6%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	9	18%	16%
My own device - but not on the school network	10	20%	14%
School provided device	18	37%	43%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	4	8%	3%
My own device - but not on the school network	12	24%	21%
School provided device	1	2%	1%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	4	8%	6%
My own device - but not on the school network	18	37%	33%
School provided device	0	0%	3%

**10 Many schools are exploring how to leverage mobile devices such as smartphones and tablet computers (iPads) to improve student achievement. What do you think would be the primary benefits of incorporating such devices into instruction? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access to online textbooks	28	57%	73%
Helps teachers improve their technology skills	29	59%	49%
Improves teacher-parent-student communications	21	43%	48%
Increases student engagement in school and learning	38	78%	84%
Increases teacher productivity	26	53%	41%
Provides a way for instruction to be personalized for each student	31	63%	63%
Provides a way for students to review classroom material afterschool	24	49%	59%
Provides a way to create a learning centered environment	24	49%	52%
Provides opportunities for informal remediation	24	49%	52%
Students develop collaboration and teamwork skills	18	37%	44%
Students develop critical thinking and problem solving skills	20	41%	51%
Students develop stronger communications skills	15	31%	38%
These devices help to extend learning beyond the school day	26	53%	64%
I don't think these devices will positively impact learning	1	2%	2%
No significant benefit	1	2%	2%
Other	4	8%	2%

**11 How likely are you this year to allow students to use their own mobile devices for instructional purposes at school?**

Response	# of Responses	% of Responses	National %
Very likely	5	10%	18%
Likely	8	17%	18%

Not likely	11	23%	21%
Very unlikely	18	38%	20%
No opinion	3	6%	7%
Unsure	2	4%	8%
We currently allow students to use their own mobile devices for instructional purposes at school.	1	2%	7%

**12 What prevents you today from allowing your students to use their own devices at school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to provide network connectivity	8	18%	27%
Absence of best practices and role models	11	24%	20%
Challenges associated with the variety of hardware and software products	9	20%	21%
Community reaction and support	2	4%	5%
Concerns about network security	17	38%	37%
Concerns about theft of the devices at school	20	44%	44%
Concerns that students will cheat using the devices	8	18%	23%
Current district policies about using cell phones in school	20	44%	37%
Devices could be a distraction from the core learning process	12	27%	27%
Digital equity issues (student access to technology & Internet at home)	12	27%	32%
Implementing effective acceptable use policies	6	13%	17%
Internet safety concerns and district liabilities	13	29%	31%
Lack of specific curriculum to support the devices	12	27%	23%
Parental reaction and support	6	13%	8%
Policies on software licenses and usage	8	18%	12%
Teachers are not trained in how to use mobile devices within learning	18	40%	35%
We currently allow students to use their mobile devices to support for instructional purposes in our school/district.	4	9%	16%
Other	4	9%	10%

**13 Many states and districts are interested in online assessments. For Common Core states, those assessments in 2014-15 will be online. What are your school's most significant challenges to implementing online assessments with your students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to provide adaptive or assistive technology for some students	14	30%	32%
Costs to implement the online tests	12	26%	39%
Costs to modernize infrastructure	18	39%	38%
Creating safeguards for the privacy of the data records	6	13%	19%
Determining efficacy of using mobile devices	6	13%	17%
Determining technology infrastructure needs	12	26%	27%
How to prevent cheating	9	20%	23%
Lack of backup alternative in case of system failure	14	30%	34%

Limitations on testing windows	12	26%	23%
Limited facility space to accommodate a testing lab	15	33%	37%
Need to increase technology support staff	16	35%	38%
Need to train teachers and students	27	59%	50%
Not enough bandwidth	8	17%	26%
Not enough computers	25	54%	59%
Not enough time to implement this by the deadlines	8	17%	17%
Parents' uneasiness with online testing	2	4%	5%
Students' unpreparedness due to digital equity issues	9	20%	21%
Other	3	7%	5%

**14 What could be the most significant potential benefits of online assessments?**

Response	# of Responses	% of Responses	National %
Cost savings	25	54%	49%
Creates rationale for improving technology infrastructure	12	26%	26%
Decrease in staffing	1	2%	5%
Environmental sensitivity	9	20%	15%
Greater flexibility in testing windows	13	28%	31%
Increased parental engagement in student achievement results	5	11%	14%
Increased security of test content	7	15%	21%
Increased student motivation or engagement	14	30%	43%
Prepares students for college and career assessments	8	17%	40%
Reduced handling of secure paper materials	24	52%	61%
Reduction in test administration errors	18	39%	48%
Reduction in time to report testing results	29	63%	69%
Reduction in amount of printed materials	20	43%	63%
Other	3	7%	2%

**15 How much do you agree with this statement: Teachers' evaluations should include an assessment of how effectively they are using technology to enhance instruction and student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	11	24%	25%
Agree	22	48%	49%
Disagree	5	11%	9%
Strongly disagree	1	2%	2%
No opinion	3	7%	7%
I am not sure	4	9%	7%

**16 More and more schools are implementing online courses where instruction and content is delivered primarily over the Internet. Who is your primary audience (if any) for online courses in your school? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Administrators	14	30%	21%
At-risk students in traditional school settings	8	17%	21%
Classified staff	1	2%	8%
Classroom teachers/Paraprofessionals	12	26%	26%

Librarians/Media Specialists	2	4%	11%
Students	10	21%	26%
Students in continuation or alternative high schools	12	26%	15%
Students schooled at home	1	2%	11%
We are not offering any online classes at this time	18	38%	37%
Other	2	4%	4%

**17 What are the most significant barriers to implementing online courses in your school for students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Availability of standards-aligned online curriculum	6	13%	22%
Concerned about the quality of the student-teacher interaction online	15	33%	38%
Contractual issues with our teacher union	2	4%	8%
Creating online courses that are academically rigorous	13	28%	33%
Creating policies and procedures for test taking	5	11%	18%
Determining fee structures for students to take online courses	3	7%	11%
Developing the return on investment justification	1	2%	7%
Evaluating pros/cons of building our own courses vs. buying courses	6	13%	14%
Evaluating the quality of online courses or curriculum	11	24%	30%
Finding teachers interested and qualified to teach online courses	7	15%	26%
Funding policies that recognize seat time only	7	15%	14%
Lack of technology infrastructure to support online learning	9	20%	30%
Parents are reluctant to let their child(ren) take online courses	3	7%	9%
Students do not have access to Internet connected computers	20	43%	29%
Other	13	28%	14%

**18 There is a lot of national discussion on the potential of "blended learning" to transform education. In general, the concept means that students are engaged to some degree in face-to-face instruction in a traditional classroom while also spending time driving their own learning online. There are several different models of blended learning. Which if any of these models are being used at your school this year? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Primarily face-to-face instruction with some use of online curriculum, resources and tools to supplement or remediate instruction	21	46%	52%
Students rotate on a fixed schedule between self-directed, offsite online learning and participating in a traditional classroom	3	7%	6%

Teachers provide on site support for the students who are working through an online curriculum, usually in a school setting	5	11%	14%
Online course that is delivered to the students at a school site with online teachers that are remote	3	7%	8%
Students decide to take an additional online course from home but the majority of their classes are traditional, school setting courses	5	11%	9%
Students participate primarily in an online learning from home with an online teacher and may have occasional face-to-face checkins with the teacher	1	2%	3%
None of the above	14	30%	27%
I am not sure	4	9%	9%
Other	3	7%	2%

**19 What would be the most important benefits of offering online learning (virtual or blended) to your students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Eliminate costs associated with textbooks	18	40%	47%
Increase graduation rates	14	31%	22%
Increase student participation in AP courses	8	18%	18%
Keep students engaged in school	28	62%	62%
Offer academic remediation to students	24	53%	60%
Offer afterschool enrichment programs	17	38%	46%
Offer dual-enrollment courses to students	6	13%	28%
Offer instruction for homebound students (e.g. illness, health or behavioral reasons)	20	44%	48%
Offer scheduling alternatives for students	15	33%	40%
Provide advanced coursework	14	31%	35%
Provide classes in "hard-to-staff" areas	16	36%	30%
Provide electives to students	10	22%	32%
Provide more personalized instruction to students	11	24%	36%
Provide programs for at-risk students	25	56%	56%
Provide programs for gifted students	21	47%	52%
Provide remediation services to students (including credit recovery)	19	42%	40%
Reduce overall costs associated with instruction delivery	8	18%	16%
None of the above	0	0%	4%
Other	1	2%	1%

**20 An emerging trend in educational software is called intelligent adaptive learning. This kind of software dynamically adapts the learning path for each student based upon demonstrated comprehension and sophistication of strategy, and provides real time reporting to teachers and administrators. Which of the following aspects of this new trend would be most important for your school? (select one)**

Response	# of Responses	% of Responses	National %
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Engages students in self-directed independent learning	21	46%	66%
Increases the effectiveness of our teachers through the use of technology	19	41%	45%
Provides a way to differentiate instruction with larger class sizes	22	48%	64%
Provides instruction at the "just right" level for each individual student	27	59%	63%
Real time reporting on student comprehension by concept back to the teacher	22	48%	58%
Real time reporting on student progress against standards for administrators	15	33%	44%
This does not sound like something that would be valuable for our district	2	4%	4%
Other	1	2%	1%

**21 Many schools are evaluating how to effectively leverage digital content within instruction. What would be the primary benefits of using digital content for instruction within your classrooms? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Cost savings	15	33%	35%
Decreases dependence on textbook publishers	20	43%	50%
Differentiates our school (district) as innovative in the use of technology	19	41%	43%
Helps to extend learning beyond the school day	26	57%	58%
Improves quality of instructional materials	21	46%	43%
Improves teacher productivity	14	30%	30%
Improves teacher skills with technology	18	39%	44%
Increases relevancy of the instructional materials	17	37%	43%
Increases student engagement in school and learning	24	52%	66%
Makes use of the technology that we have in the classrooms or media labs	13	28%	32%
Prepares students for the world of work	17	37%	51%
Provides a way for instruction to be personalized for each student	19	41%	46%
Other	0	0%	1%

**22 What challenges does your school face in implementing digital content within instruction? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Balancing instructional time constraints with time to use the digital content effectively	20	45%	46%
Concerns about student online safety when accessing Internet-based content	12	27%	30%
Evaluating the quality of the digital content	17	39%	44%
Lack of clarity on legal use policies around digital content	7	16%	15%

Locating appropriate free digital content aligned to our curriculum	11	25%	36%
Managing student and teacher subscription-based content in and out of school	8	18%	19%
Our teachers are not trained on how to incorporate digital content effectively	19	43%	42%
Providing enough computers/devices with Internet access for students to use digital content	24	55%	56%
Providing enough Internet bandwidth to fully leverage digital content	11	25%	34%
Teachers are reluctant to incorporate digital content into existing lessons	6	14%	20%
Understanding role of digital content within Common Core standards or other new state standards	19	43%	32%
We do not have a school vision for the use of digital content within instruction	7	16%	16%
We do not have the funds to purchase digital content	16	36%	27%
We have other higher priorities than integrating digital resources into our curriculum	4	9%	7%
No barriers	1	2%	3%
Other	3	7%	3%

**23** There is a new trend in some schools where teachers assign videos of lectures or lessons for students to watch as homework, and then utilize the classroom time period for more in depth class discussions, projects, experiments or to provide personalized coaching to individual students. Some call this "flipped learning." What are your thoughts or experiences with this new classroom model? (Check all that apply)

Response	# of Responses	% of Responses	National %
Some of our teachers are doing this with videos they have found online	11	24%	23%
Some of our teachers are doing this using videos they created of their own lessons or lectures	7	16%	19%
Some of our teachers tried this last year but it did not work for them	2	4%	2%
I would like some of our teachers to try it this year	13	29%	27%
I am concerned that our students would not be able to access the videos at home	23	51%	47%
To do this our teachers would need instruction in how to make the videos	11	24%	33%
To do this our teachers would need instruction on how to find high quality videos online	9	20%	31%
To do this our teachers would need instruction on how to best utilize the classroom time	13	29%	31%
I have heard about this but I am not interested	3	7%	4%
I have never heard of this before	5	11%	12%
Other	8	18%	6%

**24** There is a lot of discussion about how to adequately prepare pre-service teachers for the demands of teaching in a 21st century classroom. Which of these technology experiences should pre-service teachers have had upon completion of their certification process?

Response	# of Responses	% of Responses	National %
Ability to create and use video, podcasts and other media	28	62%	69%
Experience as a student in an online class	19	42%	49%
Experience teaching an online class	12	27%	36%
Know how to develop, implement and evaluate online assessments	24	53%	61%
Know how to effectively use technology to communicate with parents and students	25	56%	70%
Know how to incorporate adaptive learning software into their instruction	17	38%	52%
Know how to incorporate social media tools or applications into instruction	16	36%	45%
Know how to incorporate students' mobile devices into instruction	17	38%	49%
Know how to locate and use digital content and e-textbooks within instruction	21	47%	58%
Know how to locate and use electronic teaching aids and productivity tools	22	49%	58%
Know how to use technology to create authentic learning experiences for students	26	58%	68%
Know how to use technology to facilitate student collaboration	23	51%	63%
Know how to use virtual or online games to teach	13	29%	36%
Participate in an online professional learning community	20	44%	43%
Use technology to differentiate instruction	23	51%	60%
Other	0	0%	2%

**25** Which of these methods do you think are most effective for communications with parents? (Check all that apply)

Response	# of Responses	% of Responses	National %
Automated phone messages about student's academic performance	11	25%	32%
Automated phone messages about student's attendance	23	52%	48%
Broadcast or announcement messages to student's home	16	36%	39%
Class blogs	6	14%	20%
Face-to-face meetings	35	80%	83%
Hard copy flyers or newsletters that are sent home with the student or mailed to their home	20	45%	28%
Listserv messages or newsletters	11	25%	19%
Local newspaper or public TV announcements	4	9%	13%
Mobile app	7	16%	22%
Parent association meetings or school board meetings	12	27%	21%

Personal emails	34	77%	77%
Personal phone calls	33	75%	82%
School blog postings	2	5%	14%
School or district Facebook account	9	20%	22%
School portal that includes information on grades and assignments	17	39%	47%
School or district informational website	18	41%	52%
Skype or ichat for teacher-parent meetings	3	7%	9%
Text message to parent mobile device	14	32%	32%
Use Twitter to send updates	5	11%	12%
Other	0	0%	1%

**26 Which of these social media tools or applications do you use for your personal interests?**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	17	37%	47%
Communicate with others through text message	38	83%	89%
Contribute to a wiki	2	4%	9%
Create videos to post and share with others (such as: YouTube, Facebook video)	6	13%	15%
Download and view videos from the Internet	31	67%	57%
Follow blogs that interest me	13	28%	31%
Participate in an online community around a topic that I am interested in	5	11%	21%
Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	0	0%	2%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	13	28%	31%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	13	28%	36%
Take an online class	20	43%	42%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	17	37%	51%
Update my social networking profile (Facebook, LinkedIn)	22	48%	48%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	20	43%	36%
Use Twitter to communicate or follow others	7	15%	22%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	13	28%	32%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	4	9%	20%
Write collaboratively with others (such as GOOGLE docs)	14	30%	32%
Write or contribute to a blog (my own or someone else's)	2	4%	10%
None of the above	2	4%	3%
Other	0	0%	1%

**27** How much do you agree with this statement: My school is doing a good job of using technology to enhance student achievement.

Response	# of Responses	% of Responses	National %
Strongly agree	2	4%	11%
Agree	21	45%	58%
Disagree	17	36%	21%
Strongly disagree	2	4%	4%
No opinion	5	11%	4%
I don't know	0	0%	2%

**28** Imagine you are designing the ultimate school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	20	43%	53%
Ability to access the Internet anywhere at school	32	68%	72%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	34	72%	69%
Chat rooms to discuss topics with students while in class	5	11%	21%
Digital content (such as: databases, electronic books, animations, videos, etc.)	24	51%	57%
Digital media creation tools (such as: video, audio)	24	51%	51%
Digital readers (such as: Kindle, Nook)	22	47%	50%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	24	51%	54%
Electronic portfolios for students	19	40%	49%
Games or virtual simulations	9	19%	26%
Handheld student response systems	19	40%	46%
High speed color printers	13	28%	24%
Interactive whiteboards (such as Smartboard, Polyvision)	33	70%	59%
Laptop for every student to use at school	28	60%	54%
Learning management systems (such as Blackboard)	13	28%	28%
Online classes	12	26%	34%
Online tests and assessments	24	51%	49%
Online textbooks	20	43%	54%
Online tutors	17	36%	41%
School website or portal	13	28%	43%
Simulations	7	15%	27%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	6	13%	25%
Tablet computer (such as iPad) for every student to use at school	22	47%	50%
Text messaging	7	15%	23%

Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes)	15	32%	42%
Video conferences or webinars	9	19%	30%
Virtual or online whiteboard	8	17%	25%
Virtual reality games or environments	1	2%	12%
Other	1	2%	1%

**30 Are you . . .**

Response	# of Responses	% of Responses	National %
Female	29	66%	63%
Male	15	34%	37%

**31 At the end of this school year, how many years of leadership/administrative experience will you have?**

Response	# of Responses	% of Responses	National %
1-3	6	13%	18%
4-10	14	30%	40%
11-15	12	26%	20%
16+	14	30%	22%

**32 What is your race or cultural identity?**

Response	# of Responses	% of Responses	National %
Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
American Indian/Alaskan Native	1	2%	1%
Asian	0	0%	1%
Non-aboriginal	0	0%	0%
Black/African-American	8	16%	7%
Decline to state	0	0%	0%
Caucasian/White (non-Hispanic)	33	67%	76%
Hispanic/Latino	0	0%	5%
Native Hawaiian/Other Pacific Islander	0	0%	1%
Decline to state	3	6%	4%
Other	0	0%	1%

**33 Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Bachelor's degree	2	4%	5%
Master's degree in education	30	67%	65%
Master's degree other than education	2	4%	8%
Teaching certificate - elementary/multiple subject	0	0%	1%
Teaching certificate - single subject	0	0%	1%
Doctorate degree (EdD, PhD)	3	7%	7%
Other	8	18%	15%

**34 Are you a member of any of these education professional associations or their state affiliates?**

Response	# of Responses	% of Responses	National %
AASA	1	2%	3%
ASCD	14	31%	31%

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CoSN	0	0%	0%
ISTE	1	2%	4%
NAESP	10	22%	15%
NASSP	11	24%	15%
None of the above	18	40%	52%

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State: MI

Results based on 36 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your current job responsibility?**

Response	# of Responses	% of Responses	National %
Superintendent (District Executive, CEO)	3	9%	12%
Assistant/Deputy Superintendent	3	9%	6%
CTO/CIO/Technology Supervisor	3	9%	8%
Curriculum & Instruction Supervisor	3	9%	12%
Instructional Technology Specialists	0	0%	2%
Technology Support Staff (such as: network, hardware, software)	1	3%	3%
Title I Director/Coordinator	1	3%	2%
Administrative or Support Staff	8	23%	30%
School Board Member	0	0%	1%
Response	13	37%	24%

**2 As a district leader you are faced with many challenges. Which of these challenges qualify as your top challenges - the ones most likely to "wake you up" in the middle of the night? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Achievement measured by standardized test scores	20	56%	41%
Adequate funding	30	83%	63%
Adequate school facilities	7	19%	20%
Adequate technology	19	53%	43%
Adherence to curriculum standards (e.g. state, national, provincial)	7	19%	22%
Closing the achievement gap	21	58%	41%
Communications with parents	5	14%	22%
District public image in the community	8	22%	26%
High school graduation rates	11	31%	16%
Incorporation of 21st century skill development into curriculum	10	28%	29%
Legislative mandates	21	58%	36%
Recruitment and retention of highly qualified teachers	7	19%	18%
School safety	9	25%	22%
Serving diverse student populations	10	28%	22%
Special education issues and legal compliance	14	39%	27%
Staff morale/motivation	18	50%	39%
Students' behavior/attendance issues	9	25%	23%
Students' health including substance abuse, teen pregnancy, family issues	3	8%	13%

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Use of technology within instruction	21	58%	36%
Using data to assess student achievement	19	53%	37%
Using student data to evaluate teacher performance	15	42%	28%
Other	0	0%	6%

**3** There is an increased demand to improve student outcomes especially in terms of increasing college matriculation and career readiness. Which of the following do you believe has the greatest potential to enhance student achievement in your district? (Check all that apply)

Response	# of Responses	% of Responses	National %
Aligning local curriculum to the national Common Core standards or new state standards	21	58%	48%
Creating academies focused on career technical education and exploration	8	22%	26%
Developing an "individualized education plan" for every student	16	44%	28%
Developing enhanced leadership skills for our administrators	14	39%	32%
Engaging parents as co-teachers	16	44%	31%
Enhancing teacher effectiveness through professional development or professional learning communities	17	47%	58%
Improving pre-service teacher preparation programs	7	19%	23%
Increasing career exploration opportunities for students in science, technology, engineering and math	10	28%	36%
Increasing student access in Advanced Placement courses in high school	6	17%	17%
Increasing the length of the school day or year	7	19%	19%
Integrating 21st century skills into the curriculum	21	58%	54%
Leveraging technology more effectively such as through online learning, digital textbooks and/or mobile devices	16	44%	49%
Utilizing assessments for measuring 21st century competencies	6	17%	27%
Utilizing longitudinal data systems to better track student learning performance and college/career readiness.	14	39%	30%
Other	1	3%	5%

**4** How important is the effective implementation of instructional technology to your district's (or school's) core mission?

Response	# of Responses	% of Responses	National %
Extremely Important	13	36%	56%
Important	19	53%	35%
Somewhat Important	2	6%	6%
Not Important	2	6%	1%
No Opinion	0	0%	1%

**5** Specific to the use of technology within instruction, besides funding which of these issues are the most challenging for you and your district right now? (Check all that apply)

Response	# of Responses	% of Responses	National %
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Assessment of students' technology skills	3	8%	18%
Availability of technology for students' use at school	16	44%	55%
Communication tools for connecting with parents	4	11%	19%
Creating a technology vision for our district	13	36%	24%
Developing acceptable/responsible use policies for students and teachers	3	8%	12%
Developing mobile device and social media policies	7	19%	28%
Differentiating between technology vendors	0	0%	5%
Digital equity issues (student access to technology & Internet at home)	20	56%	45%
Evaluating emerging technologies for classroom use	13	36%	33%
Evaluating quality of digital content or online courses	8	22%	22%
Identifying a mobile learning platform	5	14%	13%
Implementation of a learning management system	3	8%	14%
Incorporating students' mobile devices into instruction	13	36%	33%
Incorporating student owned mobile devices into our network	7	19%	24%
Internet capacity and bandwidth to accommodate multi-media and digital content	12	33%	32%
Preparing for online assessments	19	53%	38%
Providing accessible printers for student and teacher use	5	14%	12%
Providing online courses for students	4	11%	22%
School or district filters or firewalls	10	28%	19%
Speed and accessibility of the school/district network	9	25%	28%
Staff professional development	19	53%	51%
State or federal legislation that gets in the way of our plans	9	25%	13%
Student safety online	6	17%	25%
Technology support	10	28%	35%
Using social media effectively	5	14%	21%
Other	1	3%	3%

**6 Many districts are leveraging technology solutions to either decrease costs or increase revenue. Which of these solutions have you implemented in the past three years to help with budget challenges? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Blended learning classes for students	6	17%	28%
Building your own online courses	1	3%	17%
Cloud computing applications	11	31%	28%
Communicating with parents using social media	21	58%	41%
Digital textbooks	7	19%	25%
Fee based online summer school	10	28%	11%
Free online digital resources (Open Education Resources)	11	31%	26%
Fully online classes for students	13	36%	20%
Online curriculum guides	5	14%	21%
Online teacher professional development	13	36%	40%
Outsourcing technology support and maintenance	8	22%	13%

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Parental online and phone based notification systems	22	61%	54%
Students using their own mobile device in class (BYOT)	8	22%	26%
Tablet computers (iPads) or netbooks instead of laptops	16	44%	42%
Using students to provide school based tech support	1	3%	11%
Using Twitter to send district wide messages	5	14%	17%
Virtual conferences and webinars	12	33%	33%
Virtual interactive white boards	10	28%	26%
We are not looking at any tech solutions in this way	0	0%	3%
Other	0	0%	2%

**7** How much do you agree with this statement: As Congress picks up the work of re-authorizing ESEA, the final bill should include a specific new program focused on the use of education technology in the classroom.

Response	# of Responses	% of Responses	National %
Strongly Agree	10	28%	39%
Agree	17	47%	40%
Disagree	4	11%	5%
Strongly Disagree	0	0%	3%
No opinion	0	0%	6%
Not sure	5	14%	8%

**8** How do you use technology to assist you with professional tasks? (check all that apply)

Response	# of Responses	% of Responses	National %
Communicate with colleagues using text messaging	31	86%	79%
Communicate with parents using text messaging	14	39%	26%
Conduct Internet research	29	81%	87%
Create and post videos about school information	18	50%	31%
Create multi-media presentations	19	53%	61%
Learn how to do something from an online video	25	69%	69%
Participate in professional online communities	22	61%	59%
Participate in webinars or video conferences	31	86%	80%
Read or post blog or wiki entries	20	56%	37%
Share information with other administrators and staff via district portal	22	61%	56%
Take an online class	23	64%	44%
Update my profile on a social networking site (LinkedIn or Facebook)	20	56%	37%
Use tablets and video capabilities during classroom observations	14	39%	32%
Use Twitter as informal professional development	9	25%	13%
None of the above	0	0%	1%

**9** Thinking about your peers, do you consider yourself..

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of my peers	18	50%	37%
An average tech user – about the same as my peers	16	44%	56%
A beginner tech user – less developed than my peers	2	6%	7%

**10** Tell us about the mobile devices that you use. These can be devices that are your own or provided to you by your school. Select the choices that are true for you.

**Cell phone without Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	6%	7%
My own device - but not on the school network	8	22%	20%
School provided device	7	19%	7%

**Smart phone with Internet access**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	12	33%	39%
My own device - but not on the school network	8	22%	28%
School provided device	10	28%	20%

**Laptop**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	12	33%	17%
My own device - but not on the school network	5	14%	19%
School provided device	20	56%	60%

**Netbook**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	6%	3%
My own device - but not on the school network	1	3%	3%
School provided device	2	6%	7%

**Tablet computer (like an iPad)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	11	31%	17%
My own device - but not on the school network	6	17%	13%
School provided device	17	47%	44%

**Digital reader (like a Kindle or Nook)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	2	6%	5%
My own device - but not on the school network	9	25%	19%
School provided device	3	8%	2%

**MP3 player (like an iPod or iPod Touch)**

Response	# of Responses	% of Responses	National %
My own device - and it is on the school network	3	8%	8%
My own device - but not on the school network	12	33%	29%
School provided device	0	0%	4%

**11** Some districts are considering adopting a Bring Your Own Technology (BYOT) to School program which would enable students to use their own mobile devices within instruction. What is your current policy on the use of student owned mobile devices (smartphones, tablet computers) within class? (Check all that apply)

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Response	# of Responses	% of Responses	National %
We do not allow students to use their own mobile devices within class	15	42%	37%
Use of student owned devices is at the discretion of the building administrator	13	36%	21%
Use of student owned devices is at the discretion of the classroom teacher	9	25%	32%
We currently provide students with school owned mobile devices for use in class	2	6%	18%
We are currently evaluating a BYOT approach	15	42%	28%
We are piloting a BYOT program in one or more of our schools	4	11%	10%
We have adopted a BYOT approach and we are lending devices to students who need them	2	6%	6%
We have adopted a BYOT approach but we are not providing any network access for student owned devices	2	6%	2%
We have adopted a BYOT approach but we are stipulating the type of device that can have access to our network	1	3%	2%
We have adopted a BYOT approach and we are accommodating any student owned device on our network	2	6%	10%
We are not interested at this time in a BYOT approach	2	6%	4%
Other	1	3%	6%

**12** Regardless of your current policy, what would be some potential advantages of allowing students to use their own mobile devices within instruction? (Check all that apply)

Response	# of Responses	% of Responses	National %
Ability to extend learning beyond the school day	28	78%	82%
Catalyst for changing teacher practice in the classroom	24	67%	63%
Demonstrate responsiveness to student needs	25	69%	60%
Enhance teacher-student connectivity	23	64%	63%
Increased Internet access for the students	20	56%	57%
Increased personal ownership of the learning process by the students	22	61%	65%
Increased student engagement in learning	26	72%	74%
Provides 1:1 computing access without traditional district costs	24	67%	58%
Opportunity to teach students digital citizenship skills	21	58%	51%
Provide opportunities for informal remediation	16	44%	41%
Repurpose part of tech budget for other items	14	39%	33%
Responsibility for safety would be with the parents	10	28%	21%
I don't see any benefits to the use of student owned mobile devices within instruction	2	6%	3%
Other	1	3%	2%

**13** What are the most significant potential challenges associated with implementing a BYOT approach? (Check all that apply)

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Response	# of Responses	% of Responses	National %
Ability to provide network connectivity	15	42%	52%
Concerns over student Internet safety and district liability	30	83%	78%
Concerns over students cheating using these devices	19	53%	53%
Costs to provide network access for the devices	13	36%	38%
Dealing with a mix of different devices and apps	23	64%	66%
Determining responsibility for device theft	21	58%	50%
Digital equity accommodations for students that don't have a device	27	75%	72%
Digital equity accommodations for students that have a device with low functionality	22	61%	54%
Gaining parental support and willingness to purchase devices	14	39%	43%
Implementing effective responsible use policies	13	36%	37%
Keeping up with the ever changing mix of products	18	50%	46%
Managing student and parent expectations for after hours access to teachers	11	31%	31%
Network security issues	19	53%	52%
Potential for increased cyber-bullying	17	47%	47%
Training teachers on how to effectively use the devices within instruction	18	50%	60%
Other	2	6%	2%

**14 How much do you agree with this statement: Teachers' evaluations should include an assessment of how effectively they are using technology to enhance instruction and student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	15	42%	31%
Agree	14	39%	49%
Disagree	2	6%	8%
Strongly disagree	2	6%	2%
No opinion	2	6%	4%
I am not sure	1	3%	6%

**15 More and more districts are implementing online courses where instruction and content is delivered primarily over the Internet. Who are your primary audiences (if any) for online or virtual courses in your district? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Administrators	17	47%	34%
At-risk students in traditional school settings	16	44%	35%
Classified staff	7	19%	16%
Classroom teachers/Paraprofessionals	12	33%	36%
Librarians/Media Specialists	1	3%	14%
Students	13	36%	42%
Students in continuation or alternative high schools	16	44%	31%
Students schooled at home	8	22%	21%
We are not offering online courses at this time	3	8%	16%

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Other 1 3% 4%

**16 Which of these factors do you consider most important when evaluating the quality of online courses to use in your district? (check all that apply)**

Response	# of Responses	% of Responses	National %
Aligned to content standards (state, national, provincial)	29	83%	84%
Aligned to iNACOL National Standards of Quality for Online Courses	4	11%	17%
Cost	25	71%	65%
Developed by an organization with expertise in the field	8	23%	32%
Developed by classroom teacher(s) or curriculum specialists	8	23%	35%
Developed by instructional designers	3	9%	13%
Developed by online curriculum company	2	6%	5%
Ease of use for students and teachers	22	63%	68%
Includes embedded assessments	13	37%	42%
Integrates digital content	7	20%	27%
Lack of commercial advertisements	7	20%	26%
Online course used by schools/districts similar to my own	6	17%	17%
Online course used by virtual school	4	11%	7%
Recommended by my colleagues	7	20%	17%
Recommended by professional organizations, State Department of Education or Ministry of Education	7	20%	26%
Student achievement results after taking the course	21	60%	53%
Student completion rates for the course	19	54%	39%
Students can use a variety of hardware/software platforms	8	23%	26%
Other	1	3%	4%

**17 Many states and districts are interested in online assessments. For Common Core states, those assessments in 2014-15 will be online. What are your district's most significant challenges to implementing online assessments with your students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to provide adaptive or assistive technology for some students	17	49%	45%
Costs to implement the online tests	27	77%	56%
Costs to modernize infrastructure	20	57%	49%
Creating safeguards for the privacy of the data records	15	43%	28%
Determining efficacy of using mobile devices	10	29%	25%
Determining technology infrastructure needs	12	34%	36%
How to prevent cheating	9	26%	30%
Lack of backup alternative in case of system failure	13	37%	36%
Limitations on testing windows	8	23%	30%
Limited facility space to accommodate a testing lab	13	37%	38%
Need to increase technology support staff	17	49%	42%
Need to train teachers and students	21	60%	54%
Not enough bandwidth	12	34%	34%
Not enough computers	23	66%	59%

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Not enough time to implement this by the deadlines	11	31%	22%
Parents' uneasiness with online testing	1	3%	9%
Students' unpreparedness due to digital equity issues	15	43%	28%
Other	0	0%	4%

**18 What could be the most significant potential benefits of online assessments? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Cost savings	20	57%	47%
Creates rationale for improving technology infrastructure	13	37%	32%
Decrease in staffing	4	11%	8%
Environmental sensitivity	0	0%	15%
Greater flexibility in testing windows	11	31%	33%
Increased parental engagement in student achievement results	6	17%	15%
Increased security of test content	6	17%	19%
Increased student motivation or engagement	16	46%	44%
Prepares students for college and career assessments	15	43%	42%
Reduced handling of secure paper materials	22	63%	59%
Reduction in test administration errors	18	51%	45%
Reduction in time to report testing results	27	77%	67%
Reduction in amount of printed materials	19	54%	60%
Other	0	0%	3%

**19 How much do you agree with this statement: Federal and/or state legislation and policies get in the way of our abilities as a district to fully leverage technology to increase student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	6	18%	15%
Agree	9	26%	31%
Disagree	8	24%	20%
Strongly disagree	0	0%	2%
No opinion	8	24%	19%
I am not sure	3	9%	13%

**20 An emerging trend in educational software is called intelligent adaptive learning. This kind of software dynamically adapts the learning path for each student based upon demonstrated comprehension and sophistication of strategy, and provides real time reporting to teachers and administrators. Which of the following aspects of this new trend would be most important within your district? (select one)**

Response	# of Responses	% of Responses	National %
Engages students in self-directed independent learning	21	60%	61%
Increases the effectiveness of our teachers through the use of technology	15	43%	43%
Provides a way to differentiate instruction with larger class sizes	24	69%	59%
Provides instruction at the "just right" level for each individual student	27	77%	60%

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Real time reporting on student comprehension by concept back to the teacher	18	51%	54%
Real time reporting on student progress against standards for administrators	17	49%	39%
This does not sound like something that would be valuable for our district	0	0%	2%
Other	0	0%	1%

**21 Which of these factors would you consider most important when evaluating the quality of digital content to use in your district? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Certified by education membership associations and organizations	9	26%	30%
Compiled on a list by our State Department of Education or Ministry of Education	12	34%	28%
Content is fee-based	2	6%	5%
Content is free	14	40%	34%
It is an "Open Education Resource"	2	6%	24%
Learn about it on a webinar or virtual conference	4	11%	11%
Learned about the resource through a demonstration at a conference	8	23%	13%
Materials are created by practicing teachers	17	49%	37%
No commercial advertisements within the content	15	43%	42%
Recommended on education blogs and websites	7	20%	14%
Referred by a colleague	10	29%	22%
Content is research based	27	77%	72%
Source is a content expert organization (such as: National Science Foundation, universities)	13	37%	36%
Source is an established media or content producer (such as: NBC, Discovery, PBS)	3	9%	16%
Source is a professional digital resource company or organization	4	11%	12%
Student achievement with the materials	21	60%	57%
Teacher evaluation of the materials	18	51%	48%
Textbook publisher recommendations	0	0%	5%
There is a mobile app version of the content	2	6%	17%
Other	0	0%	2%

**22 Some district leaders say that a challenge to implementing more digital content is not having enough Internet bandwidth. How would you describe your district's current Internet connectivity? (Check all that apply)**

Response	# of Responses	% of Responses	National %
We have more than enough connectivity and bandwidth to meet our needs.	4	11%	15%

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Our current needs are met most of the time, but once in a while we have short terms problems with slow Internet access.	15	43%	39%
Our current needs are met, but I am concerned about about how we are going to address increased demand by teachers and students.	7	20%	27%
Current connectivity does not even meet our needs today.	6	17%	12%
I am not sure	4	11%	13%
Other	0	0%	2%

**23 If you had increased Internet bandwidth, how would your district use that enhanced connectivity? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Better utilization of online curriculum	20	59%	52%
Campuswide Internet access	15	44%	31%
Community access to school resources	11	32%	21%
Community access to the Internet	6	18%	16%
Dual enrollment courses with local colleges	10	29%	24%
Improved school-home linkages	14	41%	31%
Increased use of multi-media resources in the classroom	20	59%	54%
Increased use of streaming videos within instruction	17	50%	54%
More vocational or career technical education offerings	5	15%	18%
Offer online or distance learning courses	10	29%	30%
Online access to school and student information (such as grades)	5	15%	17%
Online Advanced Placement classes for students	3	9%	18%
Online professional learning communities for staff and teachers	7	21%	31%
Online teacher professional development	9	26%	34%
Vocational or career technical education offerings	4	12%	14%
Other	2	6%	8%

**24 Which of these social media tools or applications do you use for your personal interests? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites or chat	26	74%	53%
Communicate with others through text message	30	86%	85%
Contribute to a wiki	9	26%	13%
Create videos to post and share with others (such as: YouTube, Facebook video)	11	31%	21%
Download and view videos from the Internet	25	71%	65%
Follow blogs that interest me	17	49%	39%
Participate in an online community around a topic that I am interested in	15	43%	32%

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Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	1	3%	3%
Participate in online/mobile app games (such as: Words With Friends, Facebook games)	11	31%	32%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	16	46%	37%
Take an online class	26	74%	48%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	25	71%	56%
Update my social networking profile (Facebook, LinkedIn)	23	66%	52%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	17	49%	42%
Use Twitter to communicate or follow others	10	29%	24%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	17	49%	35%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	8	23%	26%
Write collaboratively with others (such as: GOOGLE docs)	16	46%	41%
Write or contribute to a blog (my own or someone else's)	8	23%	11%
None of the above	0	0%	3%
Other	0	0%	1%

**25 How much do you agree with this statement: Our district is doing a good job of using technology to enhance student achievement.**

Response	# of Responses	% of Responses	National %
Strongly agree	1	3%	14%
Agree	19	56%	57%
Disagree	8	24%	19%
Strongly disagree	1	3%	4%
No opinion	2	6%	3%
I don't know	3	9%	3%

**26 Imagine you are designing the ultimate school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to access the Internet anywhere at school	26	74%	75%
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	25	71%	63%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	26	74%	77%
Chat rooms to discuss topics with students while in class	11	31%	26%
Digital content (such as: databases, electronic books, animations, videos, etc.)	17	49%	63%
Digital media creation tools (such as: video, audio)	17	49%	59%

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Digital readers (such as: Kindle, Nook)	19	54%	47%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	19	54%	60%
Electronic portfolios for students	23	66%	54%
Games or virtual simulations	11	31%	27%
Handheld student response systems	15	43%	44%
High speed color printers	4	11%	19%
Interactive whiteboards (such as Smartboard, Polyvision)	18	51%	57%
Laptop for every student to use at school	15	43%	48%
Learning management systems (such as Blackboard)	15	43%	39%
Online classes	19	54%	51%
Online tests and assessments	23	66%	61%
Online textbooks	27	77%	62%
Online tutors	17	49%	47%
School portal or website	13	37%	41%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	12	34%	30%
Simulations	4	11%	17%
Tablet computer (such as iPad) for every student to use at school	19	54%	52%
Text messaging	9	26%	25%
Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes)	17	49%	49%
Video conferences or webinars	13	37%	41%
Virtual or online whiteboard	8	23%	30%
Virtual reality games or environments	6	17%	14%
Other	1	3%	2%

**28 Are you . . .**

Response	# of Responses	% of Responses	National %
Female	19	54%	59%
Male	16	46%	41%

**29 At the end of this school year, how many years of leadership/administrative experience will you have?**

Response	# of Responses	% of Responses	National %
1-3	4	11%	13%
4-10	8	23%	28%
11-15	8	23%	21%
16+	15	43%	38%

**30 What is your race or cultural identity?**

Response	# of Responses	% of Responses	National %
American Indian/Alaskan Native	0	0%	0%
Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
Asian	0	0%	0%
Non-aboriginal	0	0%	0%

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Black/African-American	0	0%	2%
Decline to state	0	0%	0%
Caucasian/White (non-Hispanic)	33	94%	81%
Hispanic/Latino	0	0%	4%
Native Hawaiian/Other Pacific Islander	0	0%	0%
Decline to state	2	6%	5%
Other	0	0%	1%

**31 Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Bachelor's degree	4	11%	12%
Master's degree in education	14	40%	50%
Master's degree other than education	5	14%	11%
Teaching certificate - elementary/multiple subject	0	0%	1%
Teaching certificate - single subject	0	0%	1%
Doctorate degree (EdD, PhD)	5	14%	12%
Other	7	20%	13%

**32 Are you a member of any of these education professional associations or their state affiliates?  
(Check all that apply)**

Response	# of Responses	% of Responses	National %
AASA	3	9%	10%
ASCD	15	43%	32%
CoSN	0	0%	3%
ISTE	3	9%	13%
NAESP	1	3%	6%
NASSP	7	20%	9%
None of the above	16	46%	51%

State: MI

Results based on 4 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your current job responsibility? (check one)**

Response	# of Responses	% of Responses	National %
Chief Information Officer	0	0%	0%
Chief Technology Officer	0	0%	2%
Director of Educational or Instructional Technology	1	25%	6%
District IT Director	0	0%	9%
Technology Director	1	25%	11%
Technology Coordinator	0	0%	26%
Instructional Technology Coach	1	25%	10%
Technology Operations Manager	0	0%	2%
Technical Support Manager or Administrator	0	0%	5%
Response	0	0%	16%
Other	1	25%	13%

**2 Where do you primarily work? (select one)**

Response	# of Responses	% of Responses	National %
School Site	3	75%	53%
District Office	1	25%	47%

**3 Thinking about your peers, do you consider yourself..**

Response	# of Responses	% of Responses	National %
An advanced tech user – more expert than most of my peers	3	75%	80%
An average tech user – about the same as my peers	1	25%	19%
A beginner tech user – less developed than my peers	0	0%	2%

**4 Specific to the use of technology within instruction, besides funding which of these issues are the most challenging for you and your district (or school) right now?**

Response	# of Responses	% of Responses	National %
Availability of technology for student use at school	3	75%	45%
Creating a longitudinal data system to evaluate teacher or student performance	2	50%	20%
Developing effective acceptable/responsible use plans for students and teachers	0	0%	17%
Developing mobile and social media use policies	1	25%	33%
Determining the return on our investments in technology	1	25%	29%
Digital equity issues (student access to technology and the Internet at home)	1	25%	35%
Differentiating between technology vendors	0	0%	5%

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Effectively managing the network enterprise	0	0%	19%
Ensuring federal and state compliance	0	0%	12%
Evaluating emerging technologies for instructional use	1	25%	37%
Evaluating quality of digital content or online courses	1	25%	19%
Identifying a mobile learning platform	0	0%	16%
Implementing a learning management system	0	0%	13%
Implementing tools to support effective communications with parents	0	0%	11%
Incorporating student owned devices into our network	1	25%	39%
Internet capacity and bandwidth to accommodate multi-media and digital content	0	0%	34%
Making build vs. buy decisions on digital content and online courses	0	0%	9%
Managing an incompatible mix of hardware and software	0	0%	21%
Managing digital content assets	0	0%	9%
Managing the district intranet (including software upgrades, virus protection, etc)	2	50%	20%
Managing the district (or school) websites	2	50%	16%
Preparing for online assessments	2	50%	26%
Providing administrators with meaningful data to support their decision making	1	25%	22%
Providing professional development regarding the use of productivity tools	1	25%	34%
Providing professional development regarding the use of technology for instruction	2	50%	46%
Providing sufficient server capacity to support instructional requirements	1	25%	10%
Providing technology support to teachers	1	25%	43%
Setting up and managing online classes	0	0%	12%
Student safety online	0	0%	18%
Other	0	0%	6%

5

**Some technology leaders say that a challenge to implementing more digital content is not having enough Internet bandwidth. How would you describe your school or district's current Internet connectivity?**

Response	# of Responses	% of Responses	National %
We have more than enough connectivity and bandwidth to meet our needs	1	25%	16%
Our current needs are met most of the time, but once in a while we have short terms problems with slow Internet access	1	25%	41%
Our current needs are met, but I am concerned about about how we are going to address increased demand by teachers and students	1	25%	30%
Current connectivity does not even meet our needs today	1	25%	11%
I am not sure	0	0%	1%

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Other 0 0% 2%

**6 If you had increased Internet bandwidth, how would your school or district use that enhanced connectivity? (check all that apply)**

Response	# of Responses	% of Responses	National %
Better utilization of online curriculum	3	75%	62%
Campuswide Internet access	2	50%	21%
Community access to school resources	0	0%	14%
Community access to the Internet	0	0%	15%
Dual enrollment courses with local colleges	0	0%	15%
Improved school-home linkages	0	0%	20%
Increased use of multi-media resources in the classroom	2	50%	67%
Increased use of streaming videos within instruction	3	75%	69%
More vocational or career technical education offerings	0	0%	15%
Offer online or distance learning courses	0	0%	26%
Online access to school and student information (such as grades)	0	0%	10%
Online Advanced Placement classes for students	0	0%	13%
Online professional learning communities for staff and teachers	0	0%	29%
Online teacher professional development	0	0%	35%
Vocational or career technical education offerings	0	0%	13%
Other	0	0%	6%

**7 If your school or district adopted a 100% digital or online curriculum, which of these would you be able to provide to your teachers?**

Response	# of Responses	% of Responses	National %
Ability for students to print lessons, reference materials or homework	2	67%	47%
Ability for teachers to easily share “best-practices” with colleagues	2	67%	70%
Ability for teachers to manage digital resources and lesson plans	2	67%	73%
Access to a centralized, searchable digital content repository organized into units of study	2	67%	42%
Access to a centralized, searchable digital content repository so that teachers can create my own curriculum	1	33%	35%
Appropriate formative and summative assessments	2	67%	37%
Digital resources organized into units of study and aligned to state standards	2	67%	40%
Onsite support to ensure reliable and consistent access to computers and the Internet	2	67%	53%
Professional development for effectively integrating digital resources into instruction	2	67%	56%
Students would need reliable access to digital resources outside of school	2	67%	47%

**8 How much do you agree with this statement: I spend the majority of my time working on technology support functions rather than working directly with teachers and students on instructional functions.**

Response	# of Responses	% of Responses	National %
Strongly agree	1	25%	41%
Agree	2	50%	39%
Disagree	1	25%	12%
Strongly disagree	0	0%	4%
No opinion	0	0%	3%
Not sure	0	0%	2%

**9 How much do you agree with this statement: Our budget for education technology initiatives is less this school year than during the 2008/09 school year.**

Response	# of Responses	% of Responses	National %
Strongly agree	1	25%	33%
Agree	2	50%	25%
Disagree	0	0%	16%
Strongly disagree	0	0%	4%
No opinion	0	0%	5%
Not sure	1	25%	18%

**10 If your ed tech budget is less than desirable this year, how are you dealing with that situation?**

Response	# of Responses	% of Responses	National %
Applying for additional eRate funds	0	0%	20%
Asking parents for donations or to pay fees	0	0%	7%
Competing for new federal grant programs	0	0%	22%
Cutting back on district technology staff	3	75%	16%
Cutting back on the scope of projects	3	75%	32%
Maintaining the status quo with current infrastructure and projects	4	100%	48%
Putting projects on hold until the budget situation improves	3	75%	37%
Repurposing other budgeted line items (such as textbook funds for digital textbooks)	1	25%	20%
Seeking private and corporate foundation support	1	25%	13%
Tapping into new technology solutions to decrease district costs or increase revenue	2	50%	29%
Using IDEA funds to support technology investments as allowed	1	25%	8%
Using Title 1 funds to support technology investments as allowed	1	25%	20%
Not applicable to us	0	0%	13%
Other	0	0%	9%

**11 Many districts are leveraging technology solutions to either decrease costs or increase revenue. Which of these solutions have you implemented in the past three years to help with budget challenges?**

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Response	# of Responses	% of Responses	National %
Blended learning classes for students	0	0%	24%
Building your own online courses	0	0%	19%
Cloud computing applications	2	50%	46%
Communicating with parents using social media	1	25%	35%
Digital textbooks	1	25%	32%
Fee based online summer school	1	25%	11%
Free online digital resources (Open Education Resources)	2	50%	35%
Fully online classes for students	2	50%	16%
Online curriculum guides	1	25%	17%
Online teacher professional development	2	50%	30%
Outsourcing technology support and maintenance	0	0%	17%
Parental online and phone based notification systems	1	25%	47%
Students using their own mobile device in class (BYOT)	1	25%	29%
Tablet computers (iPads) or netbooks instead of laptops	0	0%	44%
Using students to provide school based tech support	0	0%	17%
Using Twitter to send district wide messages	0	0%	11%
Virtual conferences and webinars	1	25%	27%
Virtual interactive white boards	0	0%	15%
We are not looking at any tech solutions in this way	0	0%	7%
Other	0	0%	3%

**12** Some districts are considering adopting a Bring Your Own Technology (BYOT) to School program which would enable students to use their own mobile devices within instruction. What is your current policy on the use of student owned mobile devices (smartphones, tablet computers) within class? (check all that apply)

Response	# of Responses	% of Responses	National %
We do not allow students to use their own mobile devices within class	1	25%	35%
Use of student owned devices is at the discretion of the building administrator	2	50%	24%
Use of student owned devices is at the discretion of the classroom teacher	2	50%	36%
We currently provide students with school owned mobile devices for use in class	0	0%	20%
We are currently evaluating a BYOT approach	2	50%	29%
We are piloting a BYOT program in one or more of our schools	1	25%	10%
We have adopted a BYOT approach and we are lending devices to students who need them	0	0%	3%
We have adopted a BYOT approach but we are not providing any network access for student owned devices	0	0%	1%
We have adopted a BYOT approach but we are stipulating the type of device that can have access to our network	0	0%	3%

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We have adopted a BYOT approach and we are accommodating any student owned device on our network	1	25%	11%
We are not interested at this time in a BYOT approach	0	0%	8%
Other	0	0%	4%

**13 Which of these methods are you currently using for communications with parents? (check all that apply)**

Response	# of Responses	% of Responses	National %
Automated phone messages about student's academic performance	0	0%	17%
Automated phone messages about student's attendance	1	25%	47%
Broadcast or announcement messages to student's home	1	25%	59%
Class blogs	1	25%	23%
Face-to-face meetings	2	50%	75%
Hard copy flyers or newsletters that are sent home with the student or mailed to their home	3	75%	59%
Listserv messages or newsletters	0	0%	15%
Local newspaper or public TV announcements	0	0%	36%
Mobile app	0	0%	11%
Parent association meetings or school board meetings	2	50%	59%
Personal emails	4	100%	71%
Personal phone calls	4	100%	71%
School blog postings	1	25%	15%
School or district Facebook account	1	25%	39%
School portal that includes information on grades and assignments	1	25%	63%
School or district informational website	2	50%	76%
Skype or ichat for teacher-parent meetings	0	0%	3%
Text message to parent mobile device	1	25%	22%
Use Twitter to send updates	0	0%	18%
Other	0	0%	2%

**14 Which of these social media tools or applications do you use for your personal interests?**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites, chat or online communities	3	75%	71%
Communicate with others through text message	4	100%	86%
Contribute to a wiki	0	0%	23%
Create videos to post and share with others (such as: YouTube, Facebook video)	2	50%	30%
Download and view videos from the Internet	3	75%	72%
Follow blogs that interest me	4	100%	58%
Participate in an online community around a topic that I am interested in	3	75%	45%
Participate in massively multiplayer online games (MMOG) or other virtual reality worlds (such as: World of Warcraft)	0	0%	8%

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Participate in online/mobile app games (such as: Words With Friends, Facebook games)	1	25%	36%
Stream TV shows/movies from the internet (such as: Hulu, Netflix)	1	25%	57%
Take an online class	2	50%	50%
Talk to others over the Internet (such as: Skype, Facetime or iChat)	2	50%	64%
Update my social networking profile (Facebook, LinkedIn)	3	75%	66%
Use educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	1	25%	47%
Use Twitter to communicate or follow others	3	75%	43%
Use web tools/mobile apps to create a list of resources I want to share or remember (such as: Evernote, Pinterest)	3	75%	51%
Use web tools/mobile apps that notify me about things I'm interested in (such as: Pulse, news or magazine articles, changes to websites)	2	50%	35%
Write collaboratively with others (such as GOOGLE docs)	3	75%	54%
Write or contribute to a blog (my own or someone else's)	3	75%	24%
None of the above	0	0%	3%
Other	0	0%	3%

**15** How much do you agree with this statement: Federal and/or state legislation and policies get in the way of our abilities as a school or district to fully leverage technology to increase student achievement.

Response	# of Responses	% of Responses	National %
Strongly agree	2	50%	17%
Agree	1	25%	29%
Disagree	0	0%	19%
Strongly disagree	0	0%	3%
No opinion	1	25%	22%
I am not sure	0	0%	10%

**16** Many states and districts are interested in online assessments. For Common Core states, those assessments in 2014-15 will be online. What are your district's most significant challenges to implementing online assessments with your students? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability to provide adaptive or assistive technology for some students	2	50%	38%
Costs to modernize infrastructure	2	50%	44%
Costs to implement the online tests	3	75%	41%
Creating safeguards for the privacy of the data records	2	50%	19%
Determining technology infrastructure needs	3	75%	41%
Determining efficacy of using mobile devices	3	75%	36%
How to prevent cheating	2	50%	29%
Lack of backup alternative in case of system failure	2	50%	34%
Limitations on testing windows	3	75%	33%

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Limited facility space to accommodate a testing lab	3	75%	42%
Need to increase technology support staff	4	100%	42%
Need to train teachers and students	3	75%	56%
Not enough bandwidth	2	50%	32%
Not enough computers	4	100%	59%
Not enough time to implement this by the deadlines	3	75%	22%
Parents' uneasiness with online testing	1	25%	8%
Students' unpreparedness due to digital equity issues	4	100%	21%
Other	0	0%	5%

**17** What percentage of your students including those that require special technology or assistance could you accommodate with online tests right now? (approximate your percentage assuming your same testing window)

Response	# of Responses	% of Responses	National %
Less than 10%	0	0%	6%
20%	0	0%	10%
33%	1	25%	14%
50%	2	50%	11%
66%	0	0%	5%
75%	0	0%	12%
More than 90%	0	0%	19%
I have no idea	1	25%	22%
Other	0	0%	3%

**18** In the past year, which of these things have you done on your own (not district directed or part of a formalized professional development class) to improve your leadership capabilities or technical skills? (check all that apply)

Response	# of Responses	% of Responses	National %
Attended a face to face conference	4	100%	73%
Created a video or podcast to share my knowledge with others	3	75%	28%
Found an online mentor	1	25%	7%
Found experts online who could answer my questions	3	75%	64%
Found information on the Internet to support my development	4	100%	81%
Listened to podcasts or watched videos about a topic that interested me	4	100%	73%
Participated in a webinar or online conference	4	100%	79%
Posted a question to a blog or wiki	2	50%	36%
Provided online support to other technology administrators	2	50%	48%
Sought help from other technology administrators through my social networking site	3	75%	35%
Sought help through an online community, chat or discussion board	2	50%	41%
Started a wiki or blog to share my ideas and connect with others	2	50%	14%

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Took a self-paced tutorial on a subject	3	75%	48%
Took an online course	2	50%	33%
Took online assessments to test my own knowledge on a subject	1	25%	27%
Took part in an online game or simulation about leadership	0	0%	4%
Used a mobile application to learn about a subject that interested me	3	75%	42%
Used a mobile application to help me with my self-organization	4	100%	45%
Used Twitter to communicate or follow others	3	75%	36%
None of the above	0	0%	2%
Other	0	0%	1%

**19** How much do you agree with this statement: My district (or school) is doing a good job of using technology to enhance student achievement. (check all that apply)

Response	# of Responses	% of Responses	National %
Strongly agree	0	0%	18%
Agree	1	25%	62%
Disagree	3	75%	16%
Strongly disagree	0	0%	3%
I have not thought about this before	0	0%	1%
I do not think this is the responsibility of K-12 education	0	0%	0%

**20** Imagine you are designing the ultimate school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability for students to use their own mobile devices at school (such as smartphones and tablets)	4	100%	58%
Ability to access the Internet anywhere at school	4	100%	84%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	3	75%	71%
Chat rooms to discuss topics with students while in class	0	0%	23%
Digital content (such as: databases, electronic books, animations, videos, etc.)	2	50%	76%
Digital media creation tools (such as: video, audio)	3	75%	66%
Digital readers (such as: Kindle, Nook)	2	50%	45%
Educational mobile apps (such as: graphing calculator, vocabulary lists, language translators)	3	75%	59%
Electronic portfolios for students	1	25%	57%
Games or virtual simulations	0	0%	30%
Handheld student response systems	2	50%	38%
High speed color printers	0	0%	13%
Interactive whiteboards (such as Smartboard, Polyvision)	1	25%	53%
Laptop for every student to use at school	1	25%	55%
Learning management systems (such as Blackboard)	0	0%	48%

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Online classes	1	25%	46%
Online tests and assessments	2	50%	55%
Online textbooks	1	25%	64%
Online tutors	2	50%	41%
School website or portal	2	50%	53%
Simulations	0	0%	37%
Social media tools for collaboration and communications (blogs, wikis, social networking sites)	2	50%	40%
Tablet computer (such as iPad) for every student to use at school	2	50%	49%
Text messaging	1	25%	19%
Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes)	2	50%	60%
Video conferences or webinars	1	25%	43%
Virtual or online whiteboard	1	25%	26%
Virtual reality games or environments	0	0%	19%
Other	0	0%	4%

**22 At the end of this school year, how many year of experience will you have as a technology leader? (select one)**

Response	# of Responses	% of Responses	National %
1-3	1	25%	19%
4-10	1	25%	29%
11-15	0	0%	26%
16+	2	50%	26%

**23 What is your race or cultural identity? (select one)**

Response	# of Responses	% of Responses	National %
American Indian/Alaskan Native	0	0%	0%
Aboriginal (First Nations, Metis, Inuit)	0	0%	0%
Non-aboriginal	0	0%	0%
Asian	0	0%	1%
Decline to state	0	0%	0%
Black/African-American	0	0%	3%
Caucasian/White (non-Hispanic)	3	75%	79%
Hispanic/Latino	0	0%	3%
Native Hawaiian/Other Pacific Islander	0	0%	0%
Decline to state	0	0%	8%
Other	1	25%	1%

**24 Are you . . .**

Response	# of Responses	% of Responses	National %
Female	1	33%	46%
Male	2	67%	54%

**25 What is your highest level of educational attainment? (select one)**

Response	# of Responses	% of Responses	National %
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Bachelor degree	1	25%	31%
Masters degree in education	2	50%	19%
Masters degree in educational technology	1	25%	19%
Masters degree in an area other than education	0	0%	7%
Doctorate degree (EdD, PhD)	0	0%	1%
Other	0	0%	23%