State: MI

Results based on 23 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	% Responses	National %
Preschool	0	0%	1%
Kindergarten	2	10%	16%
Grade 1	1	5%	28%
Grade 2	18	86%	55%

2 Are you a…

Response	# of Responses	% Responses	National %
Girl	13	62%	49%
Boy	8	38%	50%
Decline to state	0	0%	1%

3 How much do you know about how to use technology?

Response	# of Responses	% Responses	National %
I know more than others in my class	9	50%	31%
I know the same as others in my class	7	39%	51%
I know less than others in my class	2	11%	18%

4 Which of these mobile devices do you have for your own use? Don't count devices that your school has given you to use.

Response	# of Responses	% Responses	National %
Phone that does not have Internet	1	6%	14%
Phone with Internet (like iPhone, Samsung Galaxy)	2	11%	35%
Laptop	2	11%	32%
Laptop that can turn into a tablet	2	11%	11%
Chromebook	6	33%	10%
Tablet (like an iPad)	6	33%	53%
Mobile reading device (like a Kindle or Nook)	2	11%	10%

5 Do you use the Internet at home to help you with learning or schoolwork?

Response	# of Responses	% Responses	National %
Yes	9	50%	60%
No	9	50%	39%

6 How often do you use technology at school to help you with learning?

Response	# of Responses	% Responses	National %
Every day	10	56%	57%
A few times a week	8	44%	32%
A few times a month	0	0%	4%
Once a month	0	0%	1%
Every few months	0	0%	2%
Never	0	0%	4%

7 A good digital citizen knows how to use technology in the right way and knows how to be safe online. Have you been taught how to be a good digital citizen?

Response	# of Responses	% Responses	National %
Yes	13	76%	77%
No	2	12%	6%
Not sure	2	12%	17%

8 Which of these do you use when you are at school?

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	0	0%	4%
Laptop	1	6%	30%
Tablet (like an iPad)	2	11%	46%
Chromebook	15	83%	37%
Computers in the library	2	11%	42%
None of these	2	11%	6%

9 Are you a good at solving math problems?

Response	# of Responses	% Responses	National %
Yes	15	83%	80%
No	0	0%	8%
Not sure	3	17%	12%

10 What would help you become a better math student? (Check all that apply)

Response	# of Responses	% Responses	National %
Having a math tutor	3	17%	31%
Doing math problems with a friend	7	39%	54%
Doing hand-on math activities	4	22%	38%
Doing math problems from a textbook or on a worksheet	4	22%	36%
Having a teacher who likes math	3	17%	43%
Playing math games on a computer	5	28%	53%
Watching videos or movies about how to do math	2	11%	33%
Doing math puzzles	2	11%	37%
Having an older student help me with math	3	17%	36%
Playing counting games	2	11%	37%
Singing songs about math	2	11%	25%

	# of Responses	% Responses	National %
Using math blocks, counters, and shapes	4	22%	39%
Other	3	17%	9%

11 Imagine you are building a new school. Which of these things would you have in that school to help students learn? Mark the things you would want.

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	11	69%	69%
Google Apps for Education	6	37%	51%
Interactive whiteboards	7	44%	57%
Internet access anywhere at school	7	44%	52%
Mobile apps for learning	11	69%	53%
Online tests or quizzes	10	62%	51%
Online textbooks	4	25%	39%
Online tutors	4	25%	35%
Digital learning games	9	56%	57%
Online videos and movies	8	50%	47%
Tools to connect and work with others (like Edmodo)	4	25%	38%
Tablet for every student	7	44%	57%
Tools to make videos	8	50%	37%
Other	4	25%	11%

12 What is your favorite way to read a book or story?

Response	# of Responses	% Responses	National %
Reading it as a printed book	3	20%	34%
Reading it on a tablet or a computer	5	33%	28%
Having the story or book read to me by the computer	4	27%	22%
Reading the words while watching a video or movie	3	20%	17%

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

Response	# of Responses	% Responses	National %
Yes	6	40%	54%
No	5	33%	17%
Maybe	4	27%	29%

14 Would you like to learn how to write programs to make computers do things, like in Scratch or Minecraft?

Response	# of Responses	% Responses	National %
Yes	10	62%	63%
No	5	31%	22%
I already do this myself	0	0%	6%
I already do this in school	0	0%	6%
I already do this in an after school program	1	6%	2%

State: MI

Results based on 162 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

Please note: Group survey tabs are not included in the thematic report tabs linked in this workbook.

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

Response	# of Responses	% Responses	National %
Preschool	0	0%	0%
Kindergarten	51	31%	36%
Grade 1	53	33%	33%
Grade 2	58	36%	30%

2 Raise your hand if you are a… (One response per student)

Response	# of Responses	% Responses	National %
Girl	72	44%	50%
Boy	90	56%	50%
Decline to state	0	0%	0%

3 How much do you know about how to use technology? (One response per student)

Response	# of Responses	% Responses	National %
I know more than others in my class	92	57%	43%
I know the same as others in my class	31	19%	38%
I know less than others in my class	37	23%	18%

4 Which of these mobile devices do you have for your own use? Don't count devices that your school has given you to use. (Student may answer more than once)

Response	# of Responses	% Responses	National %
Phone that does not have Internet	14	4%	9%
Phone with Internet (like iPhone, Samsung Galaxy)	93	25%	20%
Laptop	68	19%	18%
Laptop that can turn into a tablet	40	11%	8%
Chromebook	40	11%	5%
Tablet (like an iPad)	88	24%	31%
Mobile reading device (like a Kindle or Nook)	23	6%	8%

5 Do you use the Internet at home to help you with learning or schoolwork? (One response per

Response	# of Responses	% Responses	National %
Yes	60	44%	58%
No	77	56%	42%

6 How often do you use technology at school to help you with learning? (One response per student)

Response	# of Responses	% Responses	National %
Every day	50	31%	66%
A few times a week	99	61%	30%
A few times a month	13	8%	3%
Once a month	0	0%	1%
Every few months	0	0%	0%
Never	0	0%	1%

7 A good digital citizen knows how to use technology in the right way and knows how to be safe online. Have you been taught how to be a good digital citizen? (One response per student)

Response	# of Responses	% Responses	National %
Yes	111	100%	80%
No	0	0%	10%
Not sure	0	0%	9%

8 Which of these do you use when you are at school? (Student may answer more than once)

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	0	0%	2%
Laptop	0	0%	13%
Tablet (like an iPad)	33	23%	31%
Chromebook	111	77%	24%
Computers in the library	0	0%	28%
None of these	0	0%	2%

9 Are you a good at solving math problems? (One response per student)

Response	# of Responses	% Responses	National %
Yes	121	75%	73%
No	38	23%	16%
Not sure	3	2%	11%

10 What would help you become a better math student? (Student may answer more than once)

Response	# of Responses	% Responses	National %
Having a math tutor	54	7%	6%
Doing math problems with a friend	63	8%	8%
Doing hand-on math activities	58	7%	9%
Doing math problems from a textbook or on a worksheet	52	7%	7%
Having a teacher who likes math	68	9%	9%

Playing math games on a computer	99	13%	12%
Watching videos or movies about how to do math	72	9%	9%
Doing math puzzles	65	8%	8%
Having an older student help me with math	84	11%	8%
Playing counting games	66	8%	8%
Singing songs about math	45	6%	8%
Using math blocks, counters, and shapes	52	7%	9%
Other	0	0%	1%

11 **Imagine you are building a new school. Which of these things would you have in that school to help students learn? Mark the things you would want. (Student may answer more than once)**

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	57	11%	10%
Google Apps for Education	19	4%	6%
Interactive whiteboards	7	1%	9%
Internet access anywhere at school	67	13%	9%
Mobile apps for learning	25	5%	8%
Online tests or quizzes	44	8%	6%
Online textbooks	51	10%	5%
Online tutors	38	7%	4%
Digital learning games	42	8%	9%
Online videos and movies	44	8%	9%
Tools to connect and work with others (like Edmodo)	9	2%	5%
Tablet for every student	65	12%	11%
Tools to make videos	63	12%	6%
Other	0	0%	0%

12 **What is your favorite way to read a book or story? (One response per student)**

Response	# of Responses	% Responses	National %
Reading it as a printed book	42	26%	33%
Reading it on a tablet or a computer	45	28%	27%
Having the story or book read to me by the computer	56	35%	23%
Reading the words while watching a video or movie	19	12%	17%

13 **When you grow up, would you like a job that uses science, math, or computers? (One response per student)**

Response	# of Responses	% Responses	National %
Yes	55	34%	60%
No	107	66%	24%
Maybe	0	0%	16%

14 **Would you like to learn how to write programs to make computers do things, like in Scratch or Minecraft? (One response per student)**

Response	# of Responses	% Responses	National %
Yes	30	31%	61%

No	66	69%	24%
I already do this myself	0	0%	5%
I already do this in school	0	0%	8%
I already do this in an after school program	0	0%	1%

State: MI

Results based on 349 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	% Responses	National %
Grade 3	68	20%	29%
Grade 4	133	39%	34%
Grade 5	144	42%	37%

2   Are you a…

Response	# of Responses	% Responses	National %
Girl	158	46%	48%
Boy	184	54%	49%
Decline to state	1	0%	2%

3   How much do you know about how to use technology?

Response	# of Responses	% Responses	National %
I know more than others in my class	119	35%	28%
I know the same as others in my class	188	55%	61%
I know less than others in my class	33	10%	11%

4   Which of these mobile devices do you have for your own use? Don't count devices that your school has given you to use.

Response	# of Responses	% Responses	National %
Phone that does not have Internet	48	14%	11%
Phone with Internet (like iPhone, Samsung Galaxy)	161	48%	50%
Laptop	111	33%	35%
Laptop that can turn into a tablet	52	16%	11%
Chromebook	53	16%	12%
Tablet (like an iPad)	190	57%	57%
Mobile reading device (like a Kindle or Nook)	53	16%	15%

5   When you are at home, how do you get online to do homework?

Response	# of Responses	% Responses	National %
Use a computer with slow Internet	17	5%	5%
Use a computer with fast Internet	88	26%	20%
Use a computer with WiFi	84	25%	26%
Use a family member's phone or tablet	18	5%	8%
Use my own phone or tablet	71	21%	25%
Use a laptop or tablet given to me by my school	10	3%	5%

I cannot use the Internet when I am at home	49	15%	9%

6 How often do you use technology at school to help you with learning?

Response	# of Responses	% Responses	National %
Every day	133	40%	48%
A few times a week	154	46%	40%
A few times a month	22	7%	6%
Once a month	3	1%	1%
Every few months	7	2%	2%
Never	13	4%	3%

7 Do any of these stop you from using technology at school? (Check all that apply)

Response	# of Responses	% Responses	National %
Cannot use the Internet everywhere at school	66	21%	17%
Internet is slow	87	28%	32%
Not enough computers for students to use at school	28	9%	16%
My school doesn't let me go on websites that I need for schoolwork	37	12%	6%
Not allowed to use technology to talk with classmates	108	35%	28%
Not allowed to use my mobile devices at school	111	36%	35%
Not allowed to use social media	92	29%	33%
Teachers don't know how to use technology	14	4%	3%
Teachers don't let us use technology enough	34	11%	9%
Too many rules against using technology	69	22%	16%
I don't use technology at school	13	4%	3%
Other	62	20%	18%

8 Which of these do you use when you are at school?

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	16	5%	5%
Laptop	26	8%	27%
Tablet (like an iPad)	15	5%	21%
Chromebook	255	79%	57%
Computers in the library	113	35%	32%
None of these	20	6%	4%

9 Which of these things do you do with a tablet, laptop or Chromebook to help you with schoolwork?

Response	# of Responses	% Responses	National %
Check grades	140	44%	22%
Create documents to share with my classmates and teachers	98	31%	31%
Email my teacher with questions	18	6%	13%
Look up school or class information	64	20%	26%
Play digital learning games	141	44%	53%
Read online books	71	22%	37%

Get reminders about tests and when homework is due	39	12%	19%
Search for things on the Internet	140	44%	47%
Take notes in class	66	21%	17%
Take online tests	124	39%	51%
Take photos of class assignments or textbook pages	11	3%	7%
Upload homework to a class website or portal	25	8%	11%
Use online dictionary or thesaurus	32	10%	24%
Use online textbooks	27	8%	10%
Watch a video made by my teacher	61	19%	21%
Watch videos that help me learn (like Kahn Academy)	77	24%	35%
Work with other students on a project or comment on their work	47	15%	26%
I don't use computers in my class	8	2%	2%
Other	37	12%	10%

10 **A good digital citizen knows how to use technology in the right way and knows how to be safe online. Have you been taught how to be a good digital citizen?**

Response	# of Responses	% Responses	National %
Yes	235	74%	84%
No	8	3%	2%
Not sure	74	23%	13%

11 **Who taught you how to be a good digital citizen?**

Response	# of Responses	% Responses	National %
After school program leader	18	6%	5%
Classroom teacher	98	30%	47%
Computer teacher	156	48%	29%
Police officer	20	6%	8%
Older students	22	7%	9%
Parents or other family members	132	41%	49%
School librarian	9	3%	28%
I learned on my own	56	17%	17%
No one has taught me this	19	6%	4%
Other	32	10%	9%

12 **Are you a good at solving math problems?**

Response	# of Responses	% Responses	National %
Yes	232	73%	76%
No	34	11%	8%
Not sure	51	16%	16%

13 **What would help you become a better math student? (Check all that apply)**

Response	# of Responses	% Responses	National %
Having a math tutor	77	25%	29%
Talking to people who use math in their job	62	20%	20%
Doing math problems with a friend	172	56%	53%

Doing hand-on math activities	91	30%	35%
Doing math problems from a textbook or on a worksheet	96	31%	39%
Being a math buddy for younger students	60	19%	24%
Having a teacher who likes math	97	31%	37%
Being part of a math team that competes with other students	49	16%	19%
Understanding why learning math is important for me	46	15%	22%
Playing math games on a computer	98	32%	45%
Watching videos or movies about how to do math	61	20%	26%
Doing math puzzles	65	21%	28%
Having an older student help me with math	59	19%	27%
Playing counting games	33	11%	17%
Singing songs about math	24	8%	12%
Using math blocks, counters, and shapes	55	18%	24%
Other	39	13%	11%

14 **Imagine you are building a new school. Which of these things would you have in that school to help students learn? Mark the things you would want.**

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	232	73%	76%
Google Apps for Education	150	47%	59%
Interactive whiteboards	146	46%	56%
Internet access anywhere at school	143	45%	54%
Mobile apps for learning	144	46%	56%
Online tests or quizzes	185	59%	65%
Online textbooks	121	38%	40%
Online tutors	101	32%	33%
Digital learning games	178	56%	65%
Online videos and movies	113	36%	44%
Tools to connect and work with others (like Edmodo)	100	32%	38%
Tablet for every student	126	40%	48%
Tools to make videos	90	28%	31%
Other	42	13%	12%

15 **What is your favorite way to read a book or story?**

Response	# of Responses	% Responses	National %
Reading it as a printed book	136	44%	48%
Reading it on a tablet or a computer	97	31%	24%
Having the story or book read to me by the computer	43	14%	17%
Reading the words while watching a video or movie	36	12%	12%

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

Response	# of Responses	% Responses	National %
Yes	122	40%	44%
No	66	21%	18%
Maybe	119	39%	38%

17 **When you grow up, would you like to be a teacher?**

Response	# of Responses	% Responses	National %
Yes	54	18%	18%
No	174	58%	52%
Maybe	74	24%	29%

18 Would you like to learn how to write programs to make computers do things, like in Scratch or Minecraft?

Response	# of Responses	% Responses	National %
Yes	139	46%	47%
No	97	32%	34%
I already do this myself	35	12%	11%
I already do this in school	28	9%	7%
I already do this in an after school program	2	1%	2%

19 Read these sentences. Mark the box if you agree with them. By using technology to help with my learning…

Response	# of Responses	% Responses	National %
I work with my classmates more	141	48%	46%
I talk to my teacher more	93	32%	32%
My grades are better	140	48%	49%
I am more creative	131	45%	49%
I am a better thinker and problem solver	118	40%	47%
I understand what we are learning in class better	122	42%	46%
I have more control over how I learn things	95	32%	37%
I get to learn at my own speed	120	41%	46%
I finish more of my homework	102	35%	38%
I like school more	91	31%	40%
I share my ideas in class more	68	23%	28%
I can go home and continue learning after school	84	29%	39%

State: MI

Results based on 26 survey(s).

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

<mark>*Please note: Group survey tabs are not included in the thematic report tabs linked in this workbook.*</mark>

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

Response	# of Responses	% Responses	National %
Grade 3	26	100%	29%
Grade 4	0	0%	33%
Grade 5	0	0%	37%

2   Raise your hand if you are a… (One response per student)

Response	# of Responses	% Responses	National %
Girl	16	62%	50%
Boy	10	38%	49%
Decline to state	0	0%	0%

3   How much do you know about how to use technology? (One response per student)

Response	# of Responses	% Responses	National %
I know more than others in my class	15	58%	40%
I know the same as others in my class	10	38%	50%
I know less than others in my class	1	4%	10%

4   Which of these mobile devices do you have for your own use? Don't count devices that your school has given you to use. (Student may answer more than once)

Response	# of Responses	% Responses	National %
Phone that does not have Internet	6	20%	5%
Phone with Internet (like iPhone, Samsung Galaxy)	3	10%	25%
Laptop	5	17%	18%
Laptop that can turn into a tablet	2	7%	7%
Chromebook	2	7%	6%
Tablet (like an iPad)	10	33%	28%
Mobile reading device (like a Kindle or Nook)	2	7%	11%

5   When you are at home, how do you get online to do homework? (One response per student)

Response	# of Responses	% Responses	National %
Use a computer with slow Internet	3	12%	4%
Use a computer with fast Internet	2	8%	26%
Use a computer with WiFi	3	12%	21%

Use a family member's phone or tablet	6	23%	12%
Use my own phone or tablet	5	19%	20%
Use a laptop or tablet given to me by my school	0	0%	9%
I cannot use the Internet when I am at home	7	27%	8%

6 How often do you use technology at school to help you with learning? (One response per student)

Response	# of Responses	% Responses	National %
Every day	26	100%	77%
A few times a week	0	0%	16%
A few times a month	0	0%	3%
Once a month	0	0%	1%
Every few months	0	0%	2%
Never	0	0%	1%

7 Do any of these stop you from using technology at school? (Student may answer more than once)

Response	# of Responses	% Responses	National %
Cannot use the Internet everywhere at school	26	27%	7%
Internet is slow	10	10%	11%
Not enough computers for students to use at school	0	0%	8%
My school doesn't let me go on websites that I need for schoolwork	0	0%	1%
Not allowed to use technology to talk with classmates	0	0%	13%
Not allowed to use my mobile devices at school	26	27%	20%
Not allowed to use social media	26	27%	18%
Teachers don't know how to use technology	0	0%	4%
Teachers don't let us use technology enough	10	10%	7%
Too many rules against using technology	0	0%	8%
I don't use technology at school	0	0%	0%
Other	0	0%	3%

8 Which of these do you use when you are at school? (Student may answer more than once)

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	2	3%	1%
Laptop	0	0%	15%
Tablet (like an iPad)	26	44%	18%
Chromebook	26	44%	41%
Computers in the library	5	8%	25%
None of these	0	0%	0%

9 Which of these things do you do with a tablet, laptop or Chromebook to help you with schoolwork? (Student may answer more than once)

Response	# of Responses	% Responses	National %
Check grades	0	0%	4%
Create documents to share with my classmates and teachers	5	4%	8%
Search for things on the internet	26	21%	11%

	# of Responses	% Responses	National %
Email my teacher with questions	0	0%	2%
Look up school or class information	0	0%	4%
Play digital learning games	26	21%	11%
Read online books	5	4%	7%
Get reminders about tests and when homework is due	0	0%	3%
Take notes in class	5	4%	3%
Take photos of class assignments or textbook pages	0	0%	1%
Take online tests	26	21%	11%
Upload homework to a class website or portal	0	0%	2%
Use online dictionary or thesaurus	0	0%	6%
Use online textbooks	26	21%	4%
Watch a video made by my teacher	0	0%	3%
Watch videos that help me learn (like Kahn Academy)	6	5%	8%
Work with other students on a project or comment on their work	0	0%	6%
I don't use computers in my class	0	0%	0%
Other	0	0%	1%

10 **A good digital citizen knows how to use technology in the right way and knows how to be safe online. Have you been taught how to be a good digital citizen? (One response per student)**

Response	# of Responses	% Responses	National %
Yes	26	100%	86%
No	0	0%	3%
Not sure	0	0%	11%

11 **Who taught you how to be a good digital citizen? (Student may answer more than once)**

Response	# of Responses	% Responses	National %
After school program leader	0	0%	2%
Classroom teacher	26	33%	29%
Computer teacher	20	26%	22%
Police officer	0	0%	4%
Older students	0	0%	3%
Parents or other family members	22	28%	21%
School librarian	0	0%	9%
I learned on my own	10	13%	6%
No one has taught me this	0	0%	1%
Other	0	0%	2%

12 **Are you a good at solving math problems? (One response per student)**

Response	# of Responses	% Responses	National %
Yes	18	69%	66%
No	6	23%	19%
Not sure	2	8%	15%

13 **What would help you become a better math student? (Student may answer more than once)**

Response	# of Responses	% Responses	National %

Having a math tutor	26	8%	6%
Talking to people who use math in their job	20	6%	3%
Doing math problems with a friend	20	6%	8%
Doing math puzzles	15	5%	4%
Doing hand-on math activities	26	8%	8%
Doing math problems from a textbook or on a worksheet	26	8%	6%
Being a math buddy for younger students	15	5%	6%
Having a teacher who likes math	10	3%	8%
Being part of a math team that competes with other students	20	6%	5%
Understanding why learning math is important for me	19	6%	5%
Playing math games on a computer	26	8%	10%
Watching videos or movies about how to do math	26	8%	7%
Having an older student help me with math	26	8%	7%
Playing counting games	5	2%	4%
Singing songs about math	10	3%	4%
Using math blocks, counters, and shapes	25	8%	5%
Other	0	0%	1%

14 Imagine you are building a new school. Which of these things would you have in that school to help students learn? Mark the things you would want. (Student may answer more than once)

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	26	9%	11%
Google Apps for Education	10	4%	7%
Interactive whiteboards	26	9%	8%
Internet access anywhere at school	26	9%	9%
Mobile apps for learning	26	9%	8%
Online tests or quizzes	20	7%	7%
Online textbooks	22	8%	6%
Online tutors	20	7%	5%
Digital learning games	26	9%	9%
Online videos and movies	26	9%	8%
Tools to connect and work with others (like Edmodo)	15	5%	5%
Tablet for every student	26	9%	10%
Tools to make videos	10	4%	6%
Other	0	0%	1%

15 What is your favorite way to read a book or story? (One response per student)

Response	# of Responses	% Responses	National %
Reading it as a printed book	15	58%	44%
Reading it on a tablet or a computer	6	23%	27%
Having the story or book read to me by the computer	1	4%	16%
Reading the words while watching a video or movie	4	15%	13%

16 When you grow up, would you like a job that uses science, math, or computers? (One response per student)

Response	# of Responses	% Responses	National %
Yes	15	58%	61%

	# of Responses	% Responses	National %
No	5	19%	21%
Maybe	6	23%	18%

17 When you grow up, would you like to be a teacher? (One response per student)

Response	# of Responses	% Responses	National %
Yes	5	19%	26%
No	20	77%	57%
Maybe	1	4%	17%

18 Would you like to learn how to write programs to make computers do things, like in Scratch or Minecraft? (One response per student)

Response	# of Responses	% Responses	National %
Yes	5	19%	52%
No	6	23%	34%
I already do this myself	15	58%	7%
I already do this in school	0	0%	7%
I already do this in an after school program	0	0%	1%

19 Read these sentences. Mark the box if you agree with them. By using technology to help with my learning… (Students may answer more than once)

Response	# of Responses	% Responses	National %
I work with my classmates more	20	9%	7%
I talk to my teacher more	0	0%	5%
My grades are better	15	7%	10%
I am more creative	18	8%	10%
I am a better thinker and problem solver	15	7%	8%
I understand what we are learning in class better	26	12%	10%
I have more control over how I learn things	26	12%	6%
I get to learn at my own speed	26	12%	11%
I finish more of my homework	24	11%	7%
I like school more	26	12%	11%
I share my ideas in class more	15	7%	5%
I can go home and continue learning after school	14	6%	9%

State: MI

Results based on 908 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	% Responses	National %
Grade 6	287	32%	36%
Grade 7	268	30%	32%
Grade 8	345	38%	32%

2 Gender

Response	# of Responses	% Responses	National %
Girl	452	50%	48%
Boy	418	46%	49%
Decline to state	30	3%	3%

3 How would you rate your technology skills compared to other students in your class?

Response	# of Responses	% Responses	National %
Advanced - I know more than others	205	23%	25%
Average - I know about the same as others	666	74%	71%
Beginner - I am still learning how to use technology	25	3%	4%

4 Which of these mobile devices do you have for your own use (but not provided to you by your school)? (Check all that apply)

Response	# of Responses	% Responses	National %
Cell phone without Internet	138	16%	13%
Smartphone with Internet (like iPhone, Samsung Galaxy)	629	72%	79%
Laptop	413	48%	48%
2-in-1 laptop (a laptop that can turn into a tablet)	105	12%	13%
Chromebook	190	22%	13%
Tablet (like an iPad)	467	54%	55%
Digital reader (like Kindle or Nook)	136	16%	14%
Smartwatch (e.g. Apple watch, Android Wear)	103	12%	15%

5 When you are at home or where you live most of the time, how do you usually get online to do homework or get class or school information?

Response	# of Responses	% Responses	National %
Use a computer with a slow Internet connection (like dialup through a landline)	69	8%	4%

Use a computer with a hardwired, fast Internet connection (like DSL, Broadband, or cable)	174	19%	19%
Use a family computer or laptop that connects to the Internet via Wifi	244	27%	20%
Use family members' smartphones and tablets that connect to the Internet via Wifi	27	3%	4%
Use my own smartphone or tablet that connects to the Internet via Wifi	175	20%	31%
Use school provided laptops or tablets that connect to the Internet via Wifi	129	14%	17%
I cannot access the Internet when I am at home	77	9%	5%

6 What prevents you from using technology at your school? (Check all that apply)

Response	# of Responses	% Responses	National %
Internet access is not schoolwide	67	8%	10%
Internet is too slow or inconsistent	310	37%	39%
Lack of computers for students to use at school	31	4%	11%
My school blocks websites I need for schoolwork	246	30%	25%
Not allowed to text with classmates	248	30%	36%
Not allowed to use my mobile devices at school	347	42%	48%
Not allowed to use social media	309	37%	40%
Teachers don't know how to use technology for learning	61	7%	7%
Teachers limit our technology use	262	31%	35%
Too many rules against using technology	322	39%	37%
I don't use technology at school	26	3%	4%
Other	120	14%	11%

7 Which of these are true for you most of the time when you are at school? (Check all that apply)

Response	# of Responses	% Responses	National %
I use my own mobile device (smartphone, tablet, laptop) to help with schoolwork	92	11%	24%
I use a laptop in class that my school gives me to use	169	20%	35%
I use a tablet in class that my school gives me to use	20	2%	16%
I use a Chromebook in class that my school gives me to use	737	86%	52%
I use computers in the computer lab, library, or media center to help with schoolwork	67	8%	28%
I do not regularly use technology when I am at school	19	2%	9%

8 How do you use mobile devices (smartphones, laptops, tablets, Chromebooks) to help you with schoolwork or studying? Check all that apply.

Response	# of Responses	% Responses	National %
Check grades	758	88%	75%
Create documents to share with my classmates and teachers	433	50%	48%
Email my teachers with questions	507	59%	40%
Look up school or class information	474	55%	60%
Play online or digital games for learning	305	35%	36%
Read digital books or online articles	300	35%	35%
Receive reminders and alerts about due dates for assignments and upcoming tests	351	41%	40%

Research on the Internet	588	68%	68%
Skype or Facetime with other students	101	12%	16%
Take notes in class	468	54%	41%
Take online tests or quizzes	517	60%	57%
Take photos of class assignments or textbook pages	153	18%	27%
Text classmates for help with schoolwork	202	23%	29%
Text my teachers with questions	184	21%	14%
Upload homework to a class website or portal	200	23%	24%
Use online dictionary or thesaurus	299	35%	44%
Use online textbooks	296	34%	29%
Watch a video made by my teacher	282	33%	29%
Watch educational videos (like Kahn Academy)	289	34%	35%
Work with other students on a project or comment on their work	363	42%	37%
I don't use a mobile device	38	4%	3%
Other	55	6%	5%

9 Which of these statements are true for you about your experiences in school? (Check all that apply)

Response	# of Responses	% Responses	National %
Being able to use a mobile device in class is important for my learning	291	34%	39%
Doing well in school is important to me	646	76%	80%
For schoolwork reading, I would rather use a tablet or laptop than read a printed textbook	263	31%	34%
I am interested in what I am learning at school	297	35%	43%
I am learning skills at school that will help me in the future	444	52%	56%
I believe that my school cares about me as a person	308	36%	41%
I learn more when I watch a video or movie than when I read a book or article	328	39%	39%
I wish my classes were more interesting	454	54%	45%
I wish my teachers used more technology in my classes	222	26%	32%
I would learn more if I could use more technology in my classes	181	21%	26%
Teachers are important to my learning	372	44%	51%
The subjects that I am learning at school are important for my future	356	42%	47%
The way we use technology in school is not helpful for my learning	82	10%	10%
There is at least one adult at school that I can talk to about school or personal problems	290	34%	35%
Using technology in my classes increases my interest in learning	314	37%	38%

10 Which of these types of digital content do you use at least monthly in your classroom to support learning? (Check all that apply)

Response	# of Responses	% Responses	National %
Augmented or virtual reality environments	56	7%	8%
Animations and simulations	139	17%	16%
Digital content subscriptions (like Discovery Education)	149	18%	23%
Digital, video, or online games (like Kahoot, Minecraft)	497	59%	56%
Google Apps for Education (like Google Docs, Google Slides etc.)	526	63%	62%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	99	12%	27%

Online curriculum	158	19%	17%
Online databases (like census data, education statistics)	79	9%	13%
Online tests or assessments	511	61%	54%
Online textbooks	423	51%	35%
Primary source documents (like from the Library of Congress or NewseumED.org)	99	12%	12%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	211	25%	19%
Social media tools	118	14%	13%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	225	27%	22%
Speech recognition software or apps	69	8%	6%
Tutorials	197	24%	23%
Videos that my teachers create for us to watch	271	32%	30%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	241	29%	30%
Virtual labs	148	18%	12%
Web-based conferencing and online meeting tools	60	7%	6%
Other	49	6%	6%

11 **If you had the option to take a fully virtual class where the teacher provided instruction online and you participated in the class through your computer, what subject(s) would you like to take in that online format? (Check all that apply)**

Response	# of Responses	% Responses	National %
Art Appreciation	231	28%	30%
Career Technical Education/Vocational Education	157	19%	22%
College Preparation Skills/Study Skills	255	31%	36%
Computer Science/Programming/Coding	256	31%	34%
Creative Writing/Writing Skills	210	26%	30%
English	229	28%	34%
English as a second/additional language	93	11%	15%
Health	205	25%	30%
Journalism/Yearbook	168	20%	19%
Math	327	40%	49%
Personal Finance	81	10%	14%
Physical Education (P.E.)	205	25%	26%
Psychology	96	12%	15%
Science	371	45%	47%
Social Studies/History/Government	228	28%	36%
Statistics	70	8%	10%
Visual and performing arts (Music, Art, Drama, Media Arts)	213	26%	28%
World or foreign languages	234	28%	33%
I am not interested in an online class	107	13%	11%
Other	62	8%	7%

12 **Digital citizenship is the set of norms of appropriate, responsible behavior with regard to technology use. Which of these types of digital citizenship are you learning about in school? (Check all that apply)**

Response	# of Responses	% Responses	National %

Appreciating that everyone has digital rights as well as responsibilities to the society at large	242	32%	38%
Knowing how to be safe online and use safeguards to protect our information and ourselves	423	56%	63%
Knowing how to use various communications tools appropriately	311	41%	41%
Knowing how to use, and how to learn to use, technology for learning purposes	436	58%	58%
Learning how to be an effective consumer in a digital economy	136	18%	23%
Learning how to protect one's self from the physical and psychological dangers of technology use	287	38%	44%
Understanding ethical and lawful use of digital tools	196	26%	29%
Understanding that not everyone has access to technology	246	33%	35%
Understanding what are appropriate and inappropriate digital behaviors	385	51%	52%

13 Who has had the biggest influence on what you know about being a good digital citizen? (Check all that apply)

Response	# of Responses	% Responses	National %
Afterschool program leader	46	6%	8%
Classroom teacher	418	52%	53%
Community volunteer	36	4%	8%
Computer teacher	160	20%	23%
Law enforcement officer	79	10%	11%
Media specialist	72	9%	12%
Other students	230	28%	26%
Parent	486	60%	58%
School librarian	54	7%	16%
Learning on my own	297	37%	35%
No one has taught me this	57	7%	6%
Other	59	7%	8%

14 How would you rate your digital citizenship skills compared to other students in your class or school?

Response	# of Responses	% Responses	National %
Advanced – I know more than others	186	23%	26%
Average – I know about the same as others	581	72%	69%
Beginner – I know less than others	45	6%	5%

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

Response	# of Responses	% Responses	National %
Augmented reality apps	185	23%	28%
Chromebook or laptop for every student to use at school	603	74%	70%
Cloud-based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	306	38%	44%

Online site that tracks all of my school year information including grades, test scores, and activities from kindergarten through high school even if I go to different schools	429	53%	56%
Digital content (animations, simulations, online articles, and resources)	380	47%	47%
Google Hangouts or other online group messaging in class	342	42%	45%
Interactive whiteboards	393	48%	49%
Internet access anywhere at school	506	62%	63%
Learning management systems (like Blackboard)	154	19%	26%
Mobile apps for learning	390	48%	54%
Online or virtual classes	355	44%	46%
Online tests and assessments	456	56%	57%
Online textbooks	405	50%	50%
Online tools that help organize schoolwork and provide access to important information	343	42%	45%
Online tutors	273	33%	40%
Online, video, and digital games	409	50%	55%
Online videos and movies	405	50%	52%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	285	35%	38%
Tablet for every student to use at school	318	39%	46%
Tools to help students create media projects (like video, audio)	345	42%	46%
Virtual reality experiences and hardware (headsets and devices)	330	40%	41%
Other	59	7%	7%

16 Check the box if you agree with these statements. As a result of using technology, I am...

Response	# of Responses	% Responses	National %
Applying what I have learned to practical problems	291	37%	43%
Collaborating with other students more	331	42%	44%
Communicating with my teacher more often	274	35%	33%
Getting better grades and test scores	433	55%	54%
Developing creativity skills	384	49%	50%
Developing critical thinking and problem solving skills	280	36%	39%
Understanding what I am learning better	345	44%	45%
In control of my learning	346	44%	46%
Learning at my own pace	415	53%	53%
Learning in a way that fits my learning style	318	41%	43%
More likely to complete homework assignments	352	45%	42%
More interested in what I am learning in class	308	39%	39%
Participating more in class discussions	213	27%	29%
Spending more time mastering a skill or learning something	257	33%	34%
Taking ownership for my learning	326	42%	36%
Using time at home for extended learning	253	32%	31%
I don't believe that the use of technology would benefit my learning	54	7%	8%
Other	33	4%	4%

17 Agree or disagree: In today's global information economy, all students need to be proficient in math to be ready for college and career/job success.

Response	# of Responses	% Responses	National %

Strongly disagree	56	7%	6%
Somewhat Disagree	63	8%	7%
Neither agree nor disagree	143	18%	17%
Somewhat Agree	315	41%	36%
Strongly agree	199	26%	33%

18 Why would being successful with math be important for your future? (Check all that apply)

Response	# of Responses	% Responses	National %
To be able to compete with better educated workers around the globe	337	43%	45%
To be an informed citizen	290	37%	42%
To be successful in a future job	544	69%	75%
To be successful in college	561	72%	73%
To earn good grades	551	70%	74%
To get into college	542	69%	73%
To graduate from high school	540	69%	72%
To develop problem solving and critical thinking skills	360	46%	55%
To make informed decisions in the future	316	40%	46%
To support learning in other subject areas	307	39%	43%
I don't think that math is important for my future	78	10%	8%
I don't know	58	7%	7%
Other	49	6%	5%

19 Which of these would help you become more successful with math? (Check all that apply)

Response	# of Responses	% Responses	National %
Having an online math tutor	230	30%	34%
Using a class blog or wiki to share ideas with my classmates	172	22%	24%
Talking to people who use math in their careers	294	38%	41%
Discussing how I solved a problem with my classmates	350	46%	44%
Doing hands-on math activities and experiments	410	54%	51%
Doing math problems from a textbook	244	32%	34%
Helping other students learn math	242	32%	37%
Knowing how I compared to other students	255	33%	35%
Learning from a teacher who has a college degree or work experience in math	307	40%	45%
Learning from a teacher who is excited about math	298	39%	43%
Learning math by solving real-world problems	266	35%	42%
Being able to work through math problems at my own pace	361	47%	49%
Participating in math competitions	116	15%	20%
Understanding why math is important in my life	246	32%	35%
Taking an online class in math	193	25%	28%
Using animations and simulations to help me visualize difficult math concepts	161	21%	24%
Using computer programs to practice math skills	238	31%	33%
Using online or computer games that teach math	240	31%	34%
Using statistical databases	77	10%	13%
Watching videos that teach me how to do math	210	27%	30%
Other	50	7%	5%

20 What is your level of interest today in a future job or career in any of these fields?

Science

Response	# of Responses	% Responses	National %
Not interested	227	32%	30%
Somewhat interested	313	43%	42%
Very interested	180	25%	28%

Technology/computer science/digital media

Response	# of Responses	% Responses	National %
Not interested	247	33%	29%
Somewhat interested	293	39%	39%
Very interested	213	28%	32%

Engineering

Response	# of Responses	% Responses	National %
Not interested	272	36%	34%
Somewhat interested	236	31%	35%
Very interested	246	33%	31%

Math

Response	# of Responses	% Responses	National %
Not interested	360	48%	38%
Somewhat interested	267	35%	36%
Very interested	129	17%	26%

Teaching

Response	# of Responses	% Responses	National %
Not interested	417	56%	54%
Somewhat interested	227	30%	31%
Very interested	103	14%	15%

Journalism

Response	# of Responses	% Responses	National %
Not interested	462	63%	57%
Somewhat interested	179	24%	29%
Very interested	94	13%	13%

Visual, written and performing arts

Response	# of Responses	% Responses	National %
Not interested	318	43%	40%

Somewhat interested	235	31%	32%
Very interested	194	26%	28%

21 How would you like to explore future careers or get prepared for a future job? (Check all that apply)

Response	# of Responses	% Responses	National %
Attend a student conference on different careers	306	41%	41%
Get real life experience (like working a part-time job, internship, or volunteering)	502	68%	66%
Go to summer camp (like space camp)	221	30%	31%
Follow experts in different careers on social media	234	32%	31%
Have career professionals teach lessons at school	333	45%	46%
Learn from teachers who have worked in a career field before becoming a teacher	254	34%	37%
Participate in an after school program	212	29%	33%
Participate in competitions to see how I rank compared to other students interested in that career	169	23%	27%
Play an online or digital game about a career	284	38%	38%
Shadow a career professional for a day	266	36%	39%
Take an online class about a particular career field	216	29%	33%
Take career technical education classes at my school or local college	197	27%	29%
Take field trips to see and talk with people working in those jobs	350	47%	48%
Understand why learning additional languages will help me with future jobs	166	22%	28%
Use an online quiz to identify my career interests or strengths	238	32%	34%
Use mobile apps or websites to explore careers	202	27%	30%
Watch videos about different jobs	270	36%	36%
Work with mentors from different career fields	176	24%	26%
Watch TEDTalks with experts talking about their careers	108	15%	18%

22 If your school offered a class or after school activity to learn how to do computer programming or coding, how interested would you be in that?

Response	# of Responses	% Responses	National %
Not interested	252	34%	29%
Somewhat interested	298	40%	40%
Very interested	164	22%	24%
Already doing that	31	4%	7%

23 How often do you engage in the following activities because you want to learn a skill or know more about something educational that interests you (but not just because it was an assignment or homework)?

Find experts online to answer my questions

Response	# of Responses	% Responses	National %
Never	317	44%	42%
Rarely	182	25%	25%
Sometimes	150	21%	21%

	54	7%	8%
Often	54	7%	8%
All of the time	20	3%	4%

Play an online game or augmented/virtual simulation activity

Response	# of Responses	% Responses	National %
Never	150	20%	20%
Rarely	159	22%	22%
Sometimes	226	31%	30%
Often	131	18%	18%
All of the time	72	10%	11%

Post a question on a discussion board or forum

Response	# of Responses	% Responses	National %
Never	401	56%	51%
Rarely	165	23%	23%
Sometimes	99	14%	17%
Often	42	6%	6%
All of the time	11	2%	3%

Read an online news story or report

Response	# of Responses	% Responses	National %
Never	227	31%	27%
Rarely	166	23%	22%
Sometimes	181	25%	27%
Often	119	16%	16%
All of the time	30	4%	7%

Research a website to learn more about a topic

Response	# of Responses	% Responses	National %
Never	113	16%	14%
Rarely	125	17%	14%
Sometimes	215	30%	30%
Often	174	24%	26%
All of the time	93	13%	16%

Take a self-paced tutorial or online class

Response	# of Responses	% Responses	National %
Never	353	49%	47%
Rarely	170	24%	22%
Sometimes	109	15%	18%
Often	60	8%	9%
All of the time	27	4%	5%

Use online writing tools to improve my writing

Response	# of Responses	% Responses	National %
Never	258	37%	36%
Rarely	159	23%	21%
Sometimes	149	21%	22%
Often	78	11%	12%
All of the time	50	7%	8%

Use social media to identify people who share my interests

Response	# of Responses	% Responses	National %
Never	297	41%	40%
Rarely	129	18%	17%
Sometimes	127	18%	19%
Often	97	13%	13%
All of the time	70	10%	12%

Use social media to learn what others are doing or thinking about a topic that interests me

Response	# of Responses	% Responses	National %
Never	271	38%	38%
Rarely	128	18%	17%
Sometimes	133	19%	20%
Often	93	13%	13%
All of the time	92	13%	12%

Watch a Ted Talk or similar short videos about people's ideas

Response	# of Responses	% Responses	National %
Never	389	55%	49%
Rarely	154	22%	21%
Sometimes	100	14%	17%
Often	40	6%	8%
All of the time	25	4%	5%

Watch a video to learn how to do something

Response	# of Responses	% Responses	National %
Never	78	11%	11%
Rarely	110	15%	13%
Sometimes	203	28%	28%
Often	180	25%	25%
All of the time	144	20%	23%

24 Which of these statements are true for you about your experiences outside of school? (Check all that apply)

Response	# of Responses	% Responses	National %

For personal reading, I would rather use a tablet or laptop than read a printed book	205	28%	28%
I have stronger personal relationships because of my use of social media	256	35%	36%
I like learning about new ideas	366	50%	56%
I like learning how to do things	479	65%	67%
I like learning how to make or build things	433	59%	58%
I like learning when I can be in control of when and how I learn	325	44%	45%
I know how to be safe when I am online	438	60%	60%
I know how to detect bias or opinions in the information that I read online	204	28%	33%
I know how to evaluate the accuracy of information I find online	228	31%	33%
I use technology more outside of school than I do when I am at school	339	46%	51%
I worry that I sometimes spend too much time online with my social media accounts	171	23%	21%
Knowing how to use technology is an important skill that will help me in the future	290	40%	42%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	109	15%	13%

25 **Since school started this year, check all of the places where you have used the Internet to do homework or schoolwork assignments?**

Response	# of Responses	% Responses	National %
In a classroom during the school day	615	83%	76%
In the school library or media center during the school day	222	30%	38%
At school – before the start of class	395	53%	40%
At school – after school day has ended	315	43%	41%
Where I live	575	78%	77%
Where other family members live	320	43%	40%
At a friend's house	295	40%	40%
At the public library	135	18%	20%
After school recreational or tutoring center	61	8%	10%
At a fast food restaurant or coffee shop	148	20%	22%
On a school bus or public transportation	179	24%	22%
None of the above	17	2%	4%
Other	29	4%	4%

26 **How often do you use these social media tools or online activities in your free time (not for schoolwork)?**

Facebook

Response	# of Responses	% Responses	National %
Never	342	48%	63%
Rarely	86	12%	13%
Sometimes	81	11%	9%
Often	84	12%	6%
All of the time	118	17%	9%

Instagram

Response	# of Responses	% Responses	National %
Never	268	37%	31%
Rarely	53	7%	7%
Sometimes	77	11%	10%
Often	98	14%	17%
All of the time	226	31%	35%

Snapchat

Response	# of Responses	% Responses	National %
Never	221	31%	31%
Rarely	41	6%	6%
Sometimes	67	9%	9%
Often	93	13%	13%
All of the time	293	41%	41%

Twitter

Response	# of Responses	% Responses	National %
Never	506	72%	70%
Rarely	68	10%	10%
Sometimes	50	7%	8%
Often	43	6%	6%
All of the time	36	5%	7%

YouTube

Response	# of Responses	% Responses	National %
Never	14	2%	3%
Rarely	30	4%	4%
Sometimes	59	8%	10%
Often	165	23%	20%
All of the time	456	63%	63%

28 **How much do you agree with this statement: Administrators and teachers at our school are interested in listening to and acting upon ideas from students about how to improve school and our education.**

Response	# of Responses	% Responses	National %
Strongly disagree	52	7%	9%
Disagree	82	12%	10%
Neither agree nor disagree	272	39%	33%
Agree	224	32%	35%
Strongly agree	66	9%	13%

29 **Are you participating in any of these programs at your school this year? (Check all that apply)**

Speak Up 2017
National Data
Grade 6-8

Response	# of Responses	% Responses	National %
AVID (Advancement Via Individual Determination)	26	4%	7%
Computer programming or coding club	73	11%	12%
Future Teacher Academy or Educators Rising chapter	34	5%	6%
IB (International Baccalaureate)	27	4%	5%
Model United Nations or Model Congress	33	5%	6%
National Honors Society	48	7%	10%
Robotics or advanced technology club	62	9%	9%
School Video Production Team	38	6%	7%
STEM (Science, Technology, Engineering, and Mathematics) Academy	55	8%	15%
Student Government/Student Council	49	7%	8%
Student Tech Support Team	26	4%	6%
Visual and Performing Arts Academy	36	5%	9%
World Language Club or after school language class	36	5%	7%
None of the above	447	67%	55%

Speak Up 2017
National Data
Grade 9-12

State: MI

Results based on 1671 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	% Responses	National %
Grade 9	490	29%	30%
Grade 10	459	28%	25%
Grade 11	401	24%	23%
Grade 12	309	19%	21%
Alternative program or other	5	0%	1%

2 Gender

Response	# of Responses	% Responses	National %
Girl	819	49%	50%
Boy	786	47%	47%
Decline to state	55	3%	3%

3 How would you rate your technology skills compared to other students in your class?

Response	# of Responses	% Responses	National %
Advanced - I know more than others	395	24%	25%
Average - I know about the same as others	1220	74%	72%
Beginner - I am still learning how to use technology	43	3%	4%

4 Which of these mobile devices do you have for your own use (but not provided to you by your school)? (Check all that apply)

Response	# of Responses	% Responses	National %
Cell phone without Internet	163	10%	10%
Smartphone with Internet (like iPhone, Samsung Galaxy)	1495	91%	91%
Laptop	845	52%	54%
2-in-1 laptop (a laptop that can turn into a tablet)	141	9%	11%
Chromebook	337	21%	12%
Tablet (like an iPad)	714	44%	39%
Digital reader (like Kindle or Nook)	279	17%	13%
Smartwatch (e.g. Apple watch, Android Wear)	218	13%	12%

5 When you are at home or where you live most of the time, how do you usually get online to do homework or get class or school information?

Response	# of Responses	% Responses	National %

Response	# of Responses	% Responses	National %
Use a computer with a slow Internet connection (like dialup through a landline)	63	4%	4%
Use a computer with a hardwired, fast Internet connection (like DSL, Broadband, or cable)	281	17%	20%
Use a family computer or laptop that connects to the Internet via Wifi	191	12%	18%
Use family members' smartphones and tablets that connect to the Internet via Wifi	19	1%	2%
Use my own smartphone or tablet that connects to the Internet via Wifi	224	14%	30%
Use school provided laptops or tablets that connect to the Internet via Wifi	809	49%	22%
I cannot access the Internet when I am at home	68	4%	4%

6 What prevents you from using technology at your school? (Check all that apply)

Response	# of Responses	% Responses	National %
Internet access is not schoolwide	197	13%	14%
Internet is too slow or inconsistent	730	48%	54%
Lack of computers for students to use at school	43	3%	12%
My school blocks websites I need for schoolwork	867	57%	44%
Not allowed to text with classmates	565	37%	31%
Not allowed to use my mobile devices at school	887	58%	39%
Not allowed to use social media	632	42%	35%
Teachers don't know how to use technology for learning	243	16%	15%
Teachers limit our technology use	666	44%	43%
Too many rules against using technology	828	55%	41%
I don't use technology at school	29	2%	3%
Other	100	7%	7%

7 Which of these are true for you most of the time when you are at school? (Check all that apply)

Response	# of Responses	% Responses	National %
I use my own mobile device (smartphone, tablet, laptop) to help with schoolwork	429	28%	59%
I use a laptop in class that my school gives me to use	328	22%	34%
I use a tablet in class that my school gives me to use	85	6%	7%
I use a Chromebook in class that my school gives me to use	1232	81%	45%
I use computers in the computer lab, library, or media center to help with schoolwork	228	15%	27%
I do not regularly use technology when I am at school	33	2%	7%

8 How do you use mobile devices (smartphones, laptops, tablets, Chromebooks) to help you with schoolwork or studying? Check all that apply.

Response	# of Responses	% Responses	National %
Check grades	1398	92%	87%
Create documents to share with my classmates and teachers	980	64%	61%
Email my teachers with questions	959	63%	57%
Look up school or class information	1067	70%	71%
Play online or digital games for learning	370	24%	25%
Read digital books or online articles	708	46%	39%

Receive reminders and alerts about due dates for assignments and upcoming tests	782	51%	50%
Research on the Internet	1171	77%	75%
Skype or Facetime with other students	240	16%	16%
Take notes in class	690	45%	43%
Take online tests or quizzes	972	64%	59%
Take photos of class assignments or textbook pages	663	43%	50%
Text classmates for help with schoolwork	717	47%	45%
Text my teachers with questions	314	21%	16%
Upload homework to a class website or portal	597	39%	39%
Use online dictionary or thesaurus	763	50%	50%
Use online textbooks	823	54%	37%
Watch a video made by my teacher	488	32%	27%
Watch educational videos (like Kahn Academy)	660	43%	36%
Work with other students on a project or comment on their work	779	51%	43%
I don't use a mobile device	38	2%	2%
Other	30	2%	2%

9 Which of these statements are true for you about your experiences in school? (Check all that apply)

Response	# of Responses	% Responses	National %
Being able to use a mobile device in class is important for my learning	729	48%	50%
Doing well in school is important to me	1226	81%	80%
For schoolwork reading, I would rather use a tablet or laptop than read a printed textbook	368	24%	26%
I am interested in what I am learning at school	576	38%	41%
I am learning skills at school that will help me in the future	618	41%	46%
I believe that my school cares about me as a person	396	26%	31%
I learn more when I watch a video or movie than when I read a book or article	573	38%	37%
I wish my classes were more interesting	913	61%	53%
I wish my teachers used more technology in my classes	322	21%	27%
I would learn more if I could use more technology in my classes	314	21%	22%
Teachers are important to my learning	680	45%	47%
The subjects that I am learning at school are important for my future	469	31%	36%
The way we use technology in school is not helpful for my learning	231	15%	13%
There is at least one adult at school that I can talk to about school or personal problems	454	30%	33%
Using technology in my classes increases my interest in learning	472	31%	31%

10 Which of these types of digital content do you use <u>at least monthly</u> in your classroom to support learning? (Check all that apply)

Response	# of Responses	% Responses	National %
Augmented or virtual reality environments	110	7%	7%
Animations and simulations	321	22%	18%
Digital content subscriptions (like Discovery Education)	222	15%	15%
Digital, video, or online games (like Kahoot, Minecraft)	869	58%	54%

Google Apps for Education (like Google Docs, Google Slides etc.)	1073	72%	65%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	282	19%	35%
Online curriculum	374	25%	22%
Online databases (like census data, education statistics)	323	22%	17%
Online tests or assessments	982	66%	51%
Online textbooks	928	62%	38%
Primary source documents (like from the Library of Congress or NewseumED.org)	235	16%	13%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	326	22%	17%
Social media tools	299	20%	15%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	252	17%	17%
Speech recognition software or apps	92	6%	5%
Tutorials	333	22%	22%
Videos that my teachers create for us to watch	404	27%	22%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	539	36%	30%
Virtual labs	285	19%	14%
Web-based conferencing and online meeting tools	78	5%	4%
Other	42	3%	3%

11 **If you had the option to take a fully virtual class where the teacher provided instruction online and you participated in the class through your computer, what subject(s) would you like to take in that online format? (Check all that apply)**

Response	# of Responses	% Responses	National %
Art Appreciation	229	16%	16%
Career Technical Education/Vocational Education	182	13%	16%
College Preparation Skills/Study Skills	440	31%	28%
Computer Science/Programming/Coding	292	20%	23%
Creative Writing/Writing Skills	309	22%	21%
English	396	28%	31%
English as a second/additional language	65	5%	7%
Health	288	20%	24%
Journalism/Yearbook	206	14%	13%
Math	374	26%	29%
Personal Finance	229	16%	17%
Physical Education (P.E.)	129	9%	13%
Psychology	254	18%	19%
Science	352	25%	27%
Social Studies/History/Government	301	21%	24%
Statistics	138	10%	10%
Visual and performing arts (Music, Art, Drama, Media Arts)	214	15%	16%
World or foreign languages	353	25%	26%
I am not interested in an online class	333	23%	20%
Other	70	5%	4%

12 **Digital citizenship is the set of norms of appropriate, responsible behavior with regard to technology use. Which of these types of digital citizenship are you learning about in school? (Check all that apply)**

Response	# of Responses	% Responses	National %
Appreciating that everyone has digital rights as well as responsibilities to the society at large	465	36%	38%
Knowing how to be safe online and use safeguards to protect our information and ourselves	586	46%	53%
Knowing how to use various communications tools appropriately	513	40%	40%
Knowing how to use, and how to learn to use, technology for learning purposes	707	55%	52%
Learning how to be an effective consumer in a digital economy	266	21%	24%
Learning how to protect one's self from the physical and psychological dangers of technology use	387	30%	37%
Understanding ethical and lawful use of digital tools	365	29%	33%
Understanding that not everyone has access to technology	511	40%	38%
Understanding what are appropriate and inappropriate digital behaviors	583	46%	47%

13 **Who has had the biggest influence on what you know about being a good digital citizen? (Check all that apply)**

Response	# of Responses	% Responses	National %
Afterschool program leader	70	5%	5%
Classroom teacher	492	35%	38%
Community volunteer	69	5%	6%
Computer teacher	173	12%	15%
Law enforcement officer	163	11%	10%
Media specialist	88	6%	8%
Other students	299	21%	20%
Parent	711	50%	49%
School librarian	46	3%	7%
Learning on my own	668	47%	44%
No one has taught me this	154	11%	10%
Other	73	5%	5%

14 **How would you rate your digital citizenship skills compared to other students in your class or school?**

Response	# of Responses	% Responses	National %
Advanced – I know more than others	419	30%	29%
Average – I know about the same as others	927	66%	66%
Beginner – I know less than others	67	5%	5%

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

Response	# of Responses	% Responses	National %

Augmented reality apps	286	20%	23%
Chromebook or laptop for every student to use at school	1026	73%	62%
Cloud-based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	649	46%	44%
Online site that tracks all of my school year information including grades, test scores, and activities from kindergarten through high school even if I go to different schools	789	56%	54%
Digital content (animations, simulations, online articles, and resources)	602	43%	41%
Google Hangouts or other online group messaging in class	598	42%	40%
Interactive whiteboards	669	47%	47%
Internet access anywhere at school	932	66%	63%
Learning management systems (like Blackboard)	294	21%	24%
Mobile apps for learning	678	48%	46%
Online or virtual classes	596	42%	39%
Online tests and assessments	789	56%	48%
Online textbooks	794	56%	46%
Online tools that help organize schoolwork and provide access to important information	607	43%	40%
Online tutors	605	43%	41%
Online, video, and digital games	629	45%	42%
Online videos and movies	727	52%	44%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	538	38%	35%
Tablet for every student to use at school	476	34%	34%
Tools to help students create media projects (like video, audio)	627	45%	40%
Virtual reality experiences and hardware (headsets and devices)	417	30%	29%
Other	94	7%	5%

16 Check the box if you agree with these statements. As a result of using technology, I am...

Response	# of Responses	% Responses	National %
Applying what I have learned to practical problems	563	42%	41%
Collaborating with other students more	610	45%	47%
Communicating with my teacher more often	467	35%	38%
Getting better grades and test scores	629	47%	46%
Developing creativity skills	523	39%	43%
Developing critical thinking and problem solving skills	439	33%	35%
Understanding what I am learning better	452	33%	38%
In control of my learning	639	47%	46%
Learning at my own pace	644	48%	47%
Learning in a way that fits my learning style	471	35%	37%
More likely to complete homework assignments	491	36%	37%
More interested in what I am learning in class	347	26%	29%
Participating more in class discussions	251	19%	23%
Spending more time mastering a skill or learning something	337	25%	28%
Taking ownership for my learning	491	36%	33%
Using time at home for extended learning	421	31%	31%
I don't believe that the use of technology would benefit my learning	144	11%	9%
Other	46	3%	3%

17 **Agree or disagree: In today's global information economy, all students need to be proficient in math to be ready for college and career/job success.**

Response	# of Responses	% Responses	National %
Strongly disagree	96	7%	7%
Somewhat Disagree	170	13%	10%
Neither agree nor disagree	254	19%	19%
Somewhat Agree	522	39%	39%
Strongly agree	303	23%	24%

18 **Why would being successful with math be important for your future? (Check all that apply)**

Response	# of Responses	% Responses	National %
To be able to compete with better educated workers around the globe	564	42%	41%
To be an informed citizen	527	39%	37%
To be successful in a future job	816	60%	63%
To be successful in college	848	63%	63%
To earn good grades	874	64%	64%
To get into college	876	65%	63%
To graduate from high school	933	69%	65%
To develop problem solving and critical thinking skills	652	48%	51%
To make informed decisions in the future	473	35%	39%
To support learning in other subject areas	444	33%	36%
I don't think that math is important for my future	144	11%	10%
I don't know	75	6%	6%
Other	69	5%	3%

19 **Which of these would help you become more successful with math? (Check all that apply)**

Response	# of Responses	% Responses	National %
Having an online math tutor	385	29%	33%
Using a class blog or wiki to share ideas with my classmates	185	14%	16%
Talking to people who use math in their careers	429	32%	35%
Discussing how I solved a problem with my classmates	579	43%	41%
Doing hands-on math activities and experiments	665	50%	48%
Doing math problems from a textbook	502	38%	34%
Helping other students learn math	399	30%	32%
Knowing how I compared to other students	375	28%	28%
Learning from a teacher who has a college degree or work experience in math	558	42%	43%
Learning from a teacher who is excited about math	579	43%	44%
Learning math by solving real-world problems	456	34%	37%
Being able to work through math problems at my own pace	617	46%	45%
Participating in math competitions	133	10%	12%
Understanding why math is important in my life	370	28%	28%
Taking an online class in math	232	17%	18%
Using animations and simulations to help me visualize difficult math concepts	195	15%	19%
Using computer programs to practice math skills	311	23%	23%
Using online or computer games that teach math	287	22%	22%

Using statistical databases	128	10%	10%
Watching videos that teach me how to do math	319	24%	24%
Other	81	6%	5%

20 What is your level of interest today in a future job or career in any of these fields?

Science

Response	# of Responses	% Responses	National %
Not interested	457	35%	31%
Somewhat interested	505	39%	40%
Very interested	331	26%	29%

Technology/computer science/digital media

Response	# of Responses	% Responses	National %
Not interested	515	39%	37%
Somewhat interested	545	41%	40%
Very interested	257	19%	23%

Engineering

Response	# of Responses	% Responses	National %
Not interested	597	45%	43%
Somewhat interested	409	31%	33%
Very interested	319	24%	24%

Math

Response	# of Responses	% Responses	National %
Not interested	651	49%	47%
Somewhat interested	434	33%	35%
Very interested	233	18%	18%

Teaching

Response	# of Responses	% Responses	National %
Not interested	782	61%	56%
Somewhat interested	358	28%	32%
Very interested	151	12%	12%

Journalism

Response	# of Responses	% Responses	National %
Not interested	794	61%	60%
Somewhat interested	367	28%	29%

Response	# of Responses	% Responses	National %
Very interested	138	11%	11%

Visual, written and performing arts

Response	# of Responses	% Responses	National %
Not interested	596	45%	45%
Somewhat interested	405	31%	32%
Very interested	310	24%	23%

21 How would you like to explore future careers or get prepared for a future job? (Check all that apply)

Response	# of Responses	% Responses	National %
Attend a student conference on different careers	549	42%	41%
Get real life experience (like working a part-time job, internship, or volunteering)	935	71%	70%
Go to summer camp (like space camp)	338	26%	29%
Follow experts in different careers on social media	434	33%	32%
Have career professionals teach lessons at school	661	50%	48%
Learn from teachers who have worked in a career field before becoming a teacher	463	35%	37%
Participate in an after school program	380	29%	31%
Participate in competitions to see how I rank compared to other students interested in that career	235	18%	21%
Play an online or digital game about a career	305	23%	25%
Shadow a career professional for a day	713	54%	49%
Take an online class about a particular career field	407	31%	29%
Take career technical education classes at my school or local college	355	27%	26%
Take field trips to see and talk with people working in those jobs	676	51%	46%
Understand why learning additional languages will help me with future jobs	247	19%	21%
Use an online quiz to identify my career interests or strengths	369	28%	29%
Use mobile apps or websites to explore careers	324	25%	24%
Watch videos about different jobs	351	27%	28%
Work with mentors from different career fields	387	29%	27%
Watch TEDTalks with experts talking about their careers	235	18%	20%

22 If your school offered a class or after school activity to learn how to do computer programming or coding, how interested would you be in that?

Response	# of Responses	% Responses	National %
Not interested	580	44%	37%
Somewhat interested	468	35%	38%
Very interested	191	14%	19%
Already doing that	83	6%	6%

23 How often do you engage in the following activities because you want to learn a skill or know more about something educational that interests you (but not just because it was an assignment or homework)?

Find experts online to answer my questions

Response	# of Responses	% Responses	National %
Never	448	35%	35%
Rarely	317	25%	24%
Sometimes	336	26%	27%
Often	131	10%	10%
All of the time	54	4%	5%

Play an online game or augmented/virtual simulation activity

Response	# of Responses	% Responses	National %
Never	356	27%	27%
Rarely	346	27%	25%
Sometimes	349	27%	29%
Often	164	13%	12%
All of the time	89	7%	7%

Post a question on a discussion board or forum

Response	# of Responses	% Responses	National %
Never	678	53%	49%
Rarely	277	21%	23%
Sometimes	207	16%	20%
Often	89	7%	6%
All of the time	37	3%	3%

Read an online news story or report

Response	# of Responses	% Responses	National %
Never	238	19%	19%
Rarely	260	20%	19%
Sometimes	419	33%	33%
Often	269	21%	20%
All of the time	93	7%	9%

Research a website to learn more about a topic

Response	# of Responses	% Responses	National %
Never	111	9%	11%
Rarely	162	13%	12%
Sometimes	392	31%	32%
Often	414	32%	28%
All of the time	197	15%	17%

Take a self-paced tutorial or online class

Response	# of Responses	% Responses	National %
Never	590	46%	41%
Rarely	266	21%	22%
Sometimes	242	19%	23%
Often	119	9%	9%
All of the time	65	5%	5%

Use online writing tools to improve my writing

Response	# of Responses	% Responses	National %
Never	407	32%	36%
Rarely	237	19%	21%
Sometimes	331	26%	25%
Often	186	15%	11%
All of the time	93	7%	6%

Use social media to identify people who share my interests

Response	# of Responses	% Responses	National %
Never	347	27%	26%
Rarely	203	16%	17%
Sometimes	306	24%	26%
Often	237	18%	17%
All of the time	188	15%	14%

Use social media to learn what others are doing or thinking about a topic that interests me

Response	# of Responses	% Responses	National %
Never	315	25%	25%
Rarely	234	18%	16%
Sometimes	307	24%	26%
Often	223	17%	18%
All of the time	199	16%	14%

Watch a Ted Talk or similar short videos about people's ideas

Response	# of Responses	% Responses	National %
Never	527	41%	38%
Rarely	307	24%	22%
Sometimes	266	21%	24%
Often	124	10%	10%
All of the time	58	5%	6%

Watch a video to learn how to do something

Response	# of Responses	% Responses	National %
Never	143	11%	10%
Rarely	144	11%	11%
Sometimes	372	29%	31%
Often	359	28%	26%
All of the time	269	21%	22%

24 Which of these statements are true for you about your experiences outside of school? (Check all that apply)

Response	# of Responses	% Responses	National %
For personal reading, I would rather use a tablet or laptop than read a printed book	225	17%	21%
I have stronger personal relationships because of my use of social media	572	44%	39%
I like learning about new ideas	802	62%	61%
I like learning how to do things	910	70%	69%
I like learning how to make or build things	663	51%	51%
I like learning when I can be in control of when and how I learn	674	52%	48%
I know how to be safe when I am online	746	58%	56%
I know how to detect bias or opinions in the information that I read online	546	42%	42%
I know how to evaluate the accuracy of information I find online	519	40%	38%
I use technology more outside of school than I do when I am at school	659	51%	50%
I worry that I sometimes spend too much time online with my social media accounts	345	27%	24%
Knowing how to use technology is an important skill that will help me in the future	560	43%	41%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	155	12%	12%

25 Since school started this year, check all of the places where you have used the Internet to do homework or schoolwork assignments?

Response	# of Responses	% Responses	National %
In a classroom during the school day	1129	86%	78%
In the school library or media center during the school day	520	40%	45%
At school – before the start of class	854	65%	55%
At school – after school day has ended	662	51%	48%
Where I live	1099	84%	78%
Where other family members live	582	45%	39%
At a friend's house	665	51%	44%
At the public library	244	19%	20%
After school recreational or tutoring center	91	7%	11%
At a fast food restaurant or coffee shop	323	25%	28%
On a school bus or public transportation	232	18%	19%
None of the above	20	2%	3%
Other	34	3%	3%

26 **How often do you use these social media tools or online activities in your free time (not for schoolwork)?**

Facebook

Response	# of Responses	% Responses	National %
Never	346	26%	40%
Rarely	209	16%	17%
Sometimes	220	17%	15%
Often	208	16%	12%
All of the time	339	26%	16%

Instagram

Response	# of Responses	% Responses	National %
Never	232	18%	17%
Rarely	113	9%	7%
Sometimes	173	13%	13%
Often	330	25%	23%
All of the time	471	36%	40%

Snapchat

Response	# of Responses	% Responses	National %
Never	179	14%	15%
Rarely	61	5%	5%
Sometimes	107	8%	9%
Often	227	17%	18%
All of the time	748	57%	53%

Twitter

Response	# of Responses	% Responses	National %
Never	639	49%	50%
Rarely	179	14%	13%
Sometimes	175	13%	13%
Often	129	10%	10%
All of the time	177	14%	15%

YouTube

Response	# of Responses	% Responses	National %
Never	35	3%	3%
Rarely	70	5%	5%
Sometimes	188	14%	14%
Often	329	25%	24%
All of the time	702	53%	53%

28 **How much do you agree with this statement: Administrators and teachers at our school are interested in listening to and acting upon ideas from students about how to improve school and our education.**

Response	# of Responses	% Responses	National %
Strongly disagree	207	16%	12%
Disagree	255	20%	16%
Neither agree nor disagree	464	36%	37%
Agree	301	23%	28%
Strongly agree	64	5%	7%

29 **Are you participating in any of these programs at your school this year? (Check all that apply)**

Response	# of Responses	% Responses	National %
AVID (Advancement Via Individual Determination)	24	2%	6%
Computer programming or coding club	80	7%	8%
Future Teacher Academy or Educators Rising chapter	45	4%	5%
IB (International Baccalaureate)	41	3%	4%
Model United Nations or Model Congress	43	4%	5%
National Honors Society	142	12%	14%
Robotics or advanced technology club	103	8%	7%
School Video Production Team	41	3%	5%
STEM (Science, Technology, Engineering, and Mathematics) Academy	110	9%	9%
Student Government/Student Council	95	8%	8%
Student Tech Support Team	40	3%	4%
Visual and Performing Arts Academy	108	9%	9%
World Language Club or after school language class	90	7%	8%
None of the above	712	59%	54%