

2011 Michigan Speak Up District Participation

| District | K-2 | G3-5 | G6-8 | G9-12 | Student Totals | Teachers | Librarians | Parents | Dist Admin | Sch Admin |
|--|-----------|------------|------------|------------|----------------|------------|------------|------------|------------|-----------|
| 13302-Unknown | 0 | 0 | 8 | 192 | 200 | 5 | 1 | 2 | 2 | 1 |
| 554-ANN ARBOR PUBLIC SCHOOLS | 2 | 0 | 2 | 1 | 5 | 195 | 16 | 97 | 4 | 13 |
| 9026-BRONSON COMMUNITY SCHOOL DISTRICT | 46 | 151 | 62 | 47 | 306 | 19 | 0 | 7 | 2 | 3 |
| 13339-CARO COMMUNITY SCHOOLS | 0 | 245 | 124 | 91 | 460 | 53 | 8 | 191 | 8 | 4 |
| 13542-CHIPPEWA HILLS SCHOOL DISTRICT | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 562-DETROIT CITY SCHOOL DISTRICT | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 13326-Goodrich Area Schools | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 582-KENT ISD | 0 | 0 | 0 | 328 | 328 | 2 | 0 | 0 | 0 | 0 |
| 568-MATTAWAN CONSOLIDATED SCHOOL | 0 | 496 | 164 | 5 | 665 | 10 | 1 | 2 | 0 | 2 |
| 580-UNIONVILLE-SEBEWAING AREA S.D. | 0 | 0 | 9 | 18 | 27 | 6 | 1 | 30 | 1 | 1 |
| Totals: | 48 | 892 | 369 | 682 | 1,991 | 292 | 27 | 329 | 18 | 24 |

State: MI

Results based on 48 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 | 1 | 2% | 2% |
| Kindergarten | 0 | 0% | 3% |
| Grade 1 | 0 | 0% | 15% |
| Grade 2 | 45 | 98% | 80% |

2 Are you a...

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Girl | 22 | 47% | 50% |
| Boy | 25 | 53% | 50% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Know more than other students about technology | 12 | 26% | 28% |
| Know about the same as other students about technology | 18 | 39% | 52% |
| Know less than other students about technology | 16 | 35% | 20% |

4 Which of these things do you have for your own use?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Cell phone (you can't get to the internet) | 11 | 24% | 18% |
| Smartphone like an iPhone, Droid or BlackBerry | 10 | 22% | 17% |
| Computer that is provided to me by my school | 9 | 20% | 26% |
| My own personal computer or laptop | 15 | 33% | 31% |
| Tablet computer (such as iPad) | 9 | 20% | 17% |
| Digital Reader (such as: Kindle, Nook) | 8 | 18% | 8% |
| MP3 player or iPod | 17 | 38% | 32% |
| Hand-held game like Nintendo DS, GameBoy or Leapfrog | 23 | 51% | 45% |
| Video Game Player like xBox, Playstation or Wii | 30 | 67% | 57% |
| Other | 8 | 18% | 11% |

5 What kind of computer do you use outside of school?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| A home computer with no Internet | 7 | 15% | 9% |
| A home computer with slow Internet | 10 | 22% | 23% |
| A home computer with fast Internet | 14 | 30% | 49% |
| I only use the computer at a library or an after school program | 6 | 13% | 4% |
| I only use the computer at my school | 9 | 20% | 15% |

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

| Response | # of Responses | % of Responses | National % |
|----------------|----------------|----------------|------------|
| Every day | 43 | 96% | 20% |
| Sometimes | 2 | 4% | 56% |
| Once in awhile | 0 | 0% | 16% |
| Never | 0 | 0% | 1% |

I don't know 0 0% 6%

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Check on my grades | 17 | 37% | 18% |
| Complete writing assignments | 10 | 22% | 22% |
| Create a PowerPoint | 6 | 13% | 18% |
| Do online experiments for science | 10 | 22% | 10% |
| Email, IM or text message my friends | 6 | 13% | 8% |
| Email, IM or text message my teacher | 5 | 11% | 5% |
| Listen to books being read out loud | 10 | 22% | 34% |
| Play learning games | 35 | 76% | 63% |
| Practice my math | 16 | 35% | 48% |
| Send my homework to my teacher | 9 | 20% | 8% |
| Take tests | 43 | 93% | 43% |
| Use the Internet to learn about things | 14 | 30% | 35% |
| Watch videos | 13 | 28% | 40% |
| None of the above | 2 | 4% | 6% |

8 How do you use the Internet outside of school?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Create a list of websites I want to share with others | 4 | 9% | 10% |
| Do art projects | 18 | 40% | 25% |
| Download or listen to music | 18 | 40% | 29% |
| Go to websites for TV shows or sports | 18 | 40% | 28% |
| Go to websites to learn about things | 19 | 42% | 30% |
| Play in virtual worlds like Webkinz, Club Penguin or Whyville | 19 | 42% | 34% |
| Play video or online games | 29 | 64% | 54% |
| Send E-mails or Instant Messages | 5 | 11% | 10% |
| Share photos | 14 | 31% | 13% |
| Update my profile on websites like Webkinz, Club Penguin, or Whyville | 13 | 29% | 14% |
| Watch videos | 24 | 53% | 41% |
| Write for a blog (like a journal) | 9 | 20% | 8% |
| I don't use the Internet outside of school | 5 | 11% | 10% |
| None of the above | 8 | 18% | 8% |

9 What is the best way for you to learn about being safe on the Internet?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| From my friends | 3 | 7% | 13% |
| From my parents | 21 | 49% | 63% |
| From my teacher | 17 | 40% | 57% |
| Learn on my own just by using computers | 4 | 9% | 14% |
| Take a class after school (YMCA, Boys & Girls Club, Scouts) | 5 | 12% | 11% |
| Take a special class at my school | 6 | 14% | 15% |
| Take an online class | 6 | 14% | 8% |
| Use computers in my class | 8 | 19% | 18% |
| Watch videos about it | 13 | 30% | 22% |

| | | | |
|--------------|---|-----|----|
| I don't know | 9 | 21% | 9% |
|--------------|---|-----|----|

10 If you had a choice to read a story in a printed book or on the computer, which would you choose?

| Response | # of Responses | % of Responses | National % |
|------------------------------|----------------|----------------|------------|
| Story in a printed book | 15 | 33% | 34% |
| Story on the computer | 22 | 49% | 41% |
| I don't know | 8 | 18% | 17% |
| I don't like reading stories | 0 | 0% | 8% |

11 Do you like taking tests on the computer?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Yes | 25 | 56% | 55% |
| No | 10 | 22% | 16% |
| Maybe | 4 | 9% | 9% |
| Not sure | 6 | 13% | 7% |
| I have never taken a test on the computer | 0 | 0% | 13% |

12 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 | 20 | 47% | 32% |
| Email, IM or text message my classmates | 9 | 21% | 18% |
| Email, IM or text message my teacher | 9 | 21% | 13% |
| Find out about things at school | 20 | 47% | 29% |
| Help others in my class | 17 | 40% | 28% |
| Make a video | 20 | 47% | 29% |
| Play learning games | 29 | 67% | 54% |
| Read my online textbook | 9 | 21% | 19% |
| Receive reminders about my homework or tests | 19 | 44% | 27% |
| Send my homework to my teacher | 19 | 44% | 27% |
| Use the calendar | 23 | 53% | 26% |
| Use the Internet to learn about something | 23 | 53% | 31% |
| None of the above | 8 | 19% | 17% |

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 % |
|--|----------------|----------------|------------|
| Ability to use the Internet anywhere at school | 25 | 58% | 49% |
| Ability to use my own smartphone or iPad at school | 22 | 51% | 44% |
| Computer for every student to use at school, like a laptop | 32 | 74% | 56% |
| Email, instant messaging and text messaging | 20 | 47% | 27% |
| High speed color printer | 28 | 65% | 47% |
| Interactive whiteboards (such as: Smartboard, Polyvision) | 22 | 51% | 42% |
| Online, computer and video games | 26 | 60% | 49% |
| Online classes | 19 | 44% | 35% |
| Online textbooks | 13 | 30% | 33% |
| Online tutors | 12 | 28% | 28% |

Speak Up 2011 K-2 Individual

| | | | |
|--|----|-----|-----|
| School website or portal | 15 | 35% | 34% |
| Tablet computers such as iPads | 24 | 56% | 41% |
| Tools to create podcasts or videos | 22 | 51% | 32% |
| Tools to help me organize my schoolwork | 26 | 60% | 39% |
| Tools to work with others (such as: blogs, wikis, GOOGLE Docs, etc) | 16 | 37% | 30% |
| Other | 2 | 5% | 12% |

14 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 | 43 | 93% | 79% |
| I like school | 41 | 89% | 72% |
| I know how to be safe when I am on the Internet | 37 | 80% | 60% |
| My parents ask me questions about school | 39 | 85% | 62% |
| I feel safe at school | 36 | 78% | 66% |
| Sometimes school is boring | 13 | 28% | 34% |
| I wish we could use more technology at school | 31 | 67% | 49% |
| I don't like school | 2 | 4% | 11% |
| I like my teacher | 38 | 83% | 72% |
| My teacher cares about me | 38 | 83% | 67% |
| I have good friends at school | 41 | 89% | 70% |
| Sometimes school is hard for me | 21 | 46% | 49% |

State: MI

Results based on 892 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 | 63 | 7% | 29% |
| Grade 4 | 446 | 51% | 34% |
| Grade 5 | 374 | 42% | 38% |

2 Are you a...

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Girl | 428 | 49% | 50% |
| Boy | 447 | 51% | 50% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Know more than other students about technology | 194 | 22% | 23% |
| Know about the same as other students about technology | 565 | 64% | 61% |
| Know less than other students about technology | 120 | 14% | 16% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Cell Phone (that does not have Internet access) | 181 | 20% | 25% |
| Smartphone such as iPhone, Droid, BlackBerry | 145 | 16% | 21% |
| Computer that is provided to me by my school | 223 | 25% | 26% |
| My own personal computer or laptop | 275 | 31% | 40% |
| Tablet computer (such as: iPad) | 131 | 15% | 18% |
| Digital Reader (such as: Kindle, Nook) | 85 | 10% | 9% |
| MP3 player or iPod | 530 | 60% | 52% |
| Hand-held game like Nintendo DS or GameBoy | 598 | 68% | 57% |
| Video game player like Xbox, Playstation or Wii | 684 | 77% | 70% |
| Other | 125 | 14% | 16% |

5 At home, do you have a computer?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Yes, but it does not have the Internet | 88 | 10% | 9% |
| Yes, and it has slow Internet (dial-up) | 251 | 29% | 25% |
| Yes, and it has fast Internet (such as: DSL, cable, Broadband) | 451 | 52% | 56% |
| No, I only use the Internet at the library or my afterschool program | 22 | 3% | 2% |
| No, I only use a computer or the Internet at school | 63 | 7% | 8% |

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

| Response | # of Responses | % of Responses | National % |
|-------------------------|----------------|----------------|------------|
| Every day | 238 | 27% | 15% |
| A couple of days a week | 509 | 58% | 56% |

| | | | |
|--------------------------|----|----|-----|
| A couple of days a month | 60 | 7% | 15% |
| Never | 4 | 0% | 1% |
| I don't know | 68 | 8% | 13% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Check on my grades | 198 | 23% | 26% |
| Complete writing assignments | 383 | 44% | 37% |
| Create a Powerpoint | 199 | 23% | 35% |
| Do online experiments for science | 106 | 12% | 16% |
| Email, IM or text message my teacher | 106 | 12% | 9% |
| Email, IM or text message other students | 160 | 18% | 12% |
| Get help from an online tutor | 17 | 2% | 4% |
| Listen to a podcast for class | 36 | 4% | 6% |
| Play educational games | 539 | 61% | 58% |
| Post to blogs or wikis (like a journal) | 66 | 8% | 8% |
| Practice math problems | 505 | 57% | 49% |
| Take a class online | 29 | 3% | 4% |
| Take tests online | 469 | 53% | 37% |
| Upload assignments to school portal | 22 | 3% | 4% |
| Use online textbooks | 110 | 13% | 12% |
| Use the Internet for research | 488 | 56% | 51% |
| Watch a video to help with my homework | 191 | 22% | 19% |
| None of the above | 49 | 6% | 6% |

8 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 | 339 | 40% | 40% |
| I am unable to access the Internet | 35 | 4% | 7% |
| I cannot access my personal email account | 79 | 9% | 12% |
| I cannot email or IM to classmates | 61 | 7% | 13% |
| I cannot use my own laptop | 98 | 12% | 16% |
| I cannot use my own cell phone, smartphone, tablet computer or MP3 player | 173 | 20% | 22% |
| Internet is not fast enough | 69 | 8% | 11% |
| My school blocks websites I need | 87 | 10% | 16% |
| None of the above | 272 | 32% | 28% |
| Other | 79 | 9% | 11% |

9 What could your school do to make it easier to use technology?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Let me access the school network from home or school | 160 | 18% | 28% |
| Let me access the websites I need | 206 | 24% | 32% |
| Let me recharge my devices at school | 88 | 10% | 14% |
| Let me get to my schoolwork online from home | 179 | 21% | 28% |
| Let me use my own cell phone, smartphone, tablet computer or MP3 player | 193 | 22% | 27% |
| Let me use my own computer at school | 138 | 16% | 23% |
| Let me work with an online tutor | 35 | 4% | 8% |

| | | | |
|---|-----|-----|-----|
| Make it easy to get to the Internet | 169 | 20% | 25% |
| Provide me a laptop that I can use at school | 237 | 27% | 29% |
| Provide tools for me to communicate with my teacher(s) at anytime | 143 | 17% | 18% |
| Provide tools for me to organize my work | 157 | 18% | 21% |
| Provide tools so I can email, IM or text my classmates | 109 | 13% | 16% |
| Provide tools to make it easy to work with each other at school | 131 | 15% | 19% |
| Nothing - I like the way things are | 256 | 30% | 21% |
| Other | 43 | 5% | 7% |

10 Thinking about how you like to read, which of these is true for you?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| My favorite way to read is to read stories on a computer or iPad | 204 | 23% | 31% |
| My favorite way to read is with printed books | 505 | 58% | 47% |
| I think it is better for the environment to read on the computer | 89 | 10% | 12% |
| Reading a long time on the computer hurts my eyes | 285 | 33% | 29% |
| I sometimes get distracted when I am reading on the computer | 224 | 26% | 22% |
| Reading is more interesting to me when I am reading on a computer | 108 | 12% | 16% |
| I remember more about the story when I read a printed book | 326 | 38% | 29% |
| I am a better reader because I read more on a computer | 55 | 6% | 9% |
| None of these are true for me | 70 | 8% | 11% |

11 If you were allowed to use your own mobile devices like a smartphone (iPhone, Droid, Blackberry) or tablet computer (iPad) at school, how would you use it for schoolwork?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Check my grades | 358 | 41% | 48% |
| Create a video or podcast in my class | 176 | 20% | 22% |
| Email, IM or text message my classmates | 224 | 26% | 23% |
| Email, IM or text message my teacher | 188 | 22% | 19% |
| Find out about things going on at school | 373 | 43% | 42% |
| Go to my teacher's website or school portal | 208 | 24% | 23% |
| Help other students in my class | 374 | 43% | 42% |
| Learn about activities at school | 350 | 40% | 42% |
| Look up information on the internet | 490 | 56% | 53% |
| Play educational games | 452 | 52% | 53% |
| Read my online textbook | 196 | 23% | 27% |
| Receive reminders and alerts | 254 | 29% | 29% |
| Record a lesson so I can listen to it later | 265 | 30% | 34% |
| Take notes in class | 465 | 54% | 52% |
| Use the calendar | 271 | 31% | 33% |
| Work on projects with my classmates | 407 | 47% | 45% |

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

| Response | # of Responses | % of Responses | National % |
|---------------------------|----------------|----------------|------------|
| Yes | 196 | 23% | 27% |
| No | 283 | 33% | 28% |
| Maybe | 201 | 23% | 24% |
| Not sure | 137 | 16% | 14% |
| I don't know what that is | 43 | 5% | 6% |

13 Do you like taking tests on the computer?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Yes | 471 | 54% | 56% |
| No | 202 | 23% | 18% |
| Maybe | 116 | 13% | 15% |
| Not sure | 62 | 7% | 7% |
| I have never taken a test on the computer | 18 | 2% | 4% |

14 How do you use Internet tools outside of school?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Create a list of websites I want to share with others | 120 | 14% | 17% |
| Create videos to post and share with others | 141 | 16% | 18% |
| Do Internet research on things that interest me | 404 | 46% | 44% |
| Download or listen to music | 391 | 45% | 44% |
| Go to websites for TV shows or sports | 297 | 34% | 35% |
| Go to websites to learn about things | 307 | 35% | 36% |
| Play in virtual worlds like Webkinz, Club Penguin or Whyville | 337 | 38% | 36% |
| Play video or online games | 492 | 56% | 55% |
| Send E-mails or Instant Messages | 205 | 23% | 22% |
| Share photos | 188 | 21% | 21% |
| Talk to others through the Internet | 254 | 29% | 28% |
| Update my profile on websites like Webkinz, Club Penguin, or Whyville | 177 | 20% | 20% |
| Watch videos | 397 | 45% | 46% |
| Write for a blog (like a journal, etc.) | 101 | 12% | 12% |
| I don't use the Internet outside of school | 39 | 4% | 6% |
| None of the above | 61 | 7% | 7% |

15 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 | 38 | 4% | 4% |
| No, I like other things better | 190 | 22% | 16% |
| No, my parents say that other jobs are better | 9 | 1% | 2% |
| Maybe, I would like to know more about them | 106 | 12% | 14% |
| Yes, I am a little interested in a job like that | 132 | 15% | 16% |
| Yes, I am very interested in a job like that | 172 | 20% | 21% |
| No, I'm interested in other jobs | 130 | 15% | 15% |
| Other | 92 | 11% | 12% |

16 When you grow up, would you like to have a job as a teacher?

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
|----------|----------------|----------------|------------|

| | | | |
|--|-----|-----|-----|
| No, that sounds too hard | 55 | 6% | 8% |
| No, I like other things better | 253 | 29% | 24% |
| No, my parents say other jobs are better | 13 | 2% | 2% |
| Maybe, I would like to know more about that | 85 | 10% | 12% |
| Yes, I am a little interested in a job like that | 101 | 12% | 12% |
| Yes, I am very interested in a job like that | 138 | 16% | 16% |
| No, I am interested in other jobs | 156 | 18% | 18% |
| Other | 65 | 8% | 8% |

17 How would you like to learn more about future jobs and careers?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Attend a summer camp | 125 | 15% | 20% |
| Attend an after school program | 167 | 19% | 22% |
| Find information on a website | 343 | 40% | 43% |
| Have people from those jobs talk to us at school | 332 | 39% | 38% |
| Join a science or math competition (for example, a science fair) | 133 | 15% | 20% |
| Play an online game where I am working in the career | 254 | 30% | 35% |
| Podcasts or videos about the careers | 132 | 15% | 17% |
| Take a virtual tour of the company or an office | 164 | 19% | 21% |
| Take an online class | 155 | 18% | 20% |
| Use a mobile application to explore careers | 112 | 13% | 17% |
| Use the same tools in my classroom that adults use at work | 113 | 13% | 17% |
| Other | 86 | 10% | 10% |

18 Which of these would help you do better in math?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Being able to text or email my teacher with my questions | 247 | 29% | 27% |
| Having a math website that could help me with my homework | 408 | 47% | 51% |
| Having access to an online math tutor | 144 | 17% | 21% |
| Learning from a teacher who is excited about math | 195 | 23% | 29% |
| Playing online or computer based math games | 367 | 43% | 47% |
| Practicing problems from my textbook | 175 | 20% | 25% |
| Solving real-world problems using math | 234 | 27% | 27% |
| Taking an online math class | 146 | 17% | 21% |
| Using an online textbook | 131 | 15% | 17% |
| Using blocks, counters and shapes | 102 | 12% | 15% |
| Watching math videos | 264 | 31% | 29% |
| Working on math problems with my classmates | 326 | 38% | 38% |
| None of the above | 79 | 9% | 8% |
| Other | 39 | 5% | 6% |

19 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 | 506 | 59% | 63% |
| I am doing well in school | 590 | 68% | 63% |
| I am having problems with my school work | 156 | 18% | 19% |

| | | | |
|---|-----|-----|-----|
| I am worried about my future | 136 | 16% | 19% |
| I don't like school | 128 | 15% | 17% |
| I feel I am prepared to do well in school | 434 | 50% | 50% |
| I feel safe at school | 527 | 61% | 55% |
| I know how to be safe when using the Internet | 495 | 57% | 53% |
| I like what I'm learning in school | 424 | 49% | 50% |
| I think my school cares about me | 445 | 52% | 48% |
| I want to work hard | 435 | 50% | 53% |
| I wish my classes were more interesting | 223 | 26% | 26% |
| My grades don't match what I know | 73 | 8% | 13% |
| My parents are very involved in my education | 283 | 33% | 39% |
| Teachers or my parents want me to do well in school | 461 | 53% | 55% |
| There is at least one adult at school that I can talk to about problems | 304 | 35% | 36% |

20 **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 | 517 | 60% | 58% |
| Ability to use my own mobile device or computer at school | 431 | 50% | 49% |
| Computer for every student to use at school such as laptop | 565 | 66% | 60% |
| Do webinars or video conferences with people outside of the school | 202 | 23% | 27% |
| Handheld devices for students to answer questions (clickers) | 455 | 53% | 47% |
| High speed color printer | 445 | 52% | 50% |
| Interactive whiteboards (such as Smartboard, Polyvision) | 426 | 50% | 50% |
| Mobile devices such as smartphone or MP3 player | 325 | 38% | 38% |
| Online Classes | 296 | 34% | 39% |
| Online textbooks | 317 | 37% | 40% |
| Online tutors | 238 | 28% | 34% |
| Online, computer or video games | 374 | 43% | 45% |
| School website or portal | 291 | 34% | 37% |
| Software customized to my learning needs | 273 | 32% | 34% |
| Tablet computers (such as: iPads) | 406 | 47% | 48% |
| Tools to communicate with others (Email, IM or text messaging) | 281 | 33% | 33% |
| Tools to create podcasts or videos | 284 | 33% | 31% |
| Tools to help me organize my schoolwork | 411 | 48% | 49% |
| Tools to work with others (like blogs, wikis, GOOGLE Docs, etc) | 381 | 44% | 40% |
| Other | 68 | 8% | 10% |

State: MI

Results based on 369 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 | 92 | 25% | 35% |
| Grade 7 | 93 | 25% | 32% |
| Grade 8 | 181 | 49% | 33% |

2 Gender

| Response | # of Responses | % of Responses | National % |
|-------------|----------------|----------------|------------|
| Girl/Female | 170 | 46% | 50% |
| Boy/Male | 196 | 54% | 50% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| An advanced tech user – more expert than most of the students at my school | 78 | 21% | 23% |
| An average tech user – the same as most of the students at my school | 263 | 72% | 71% |
| A beginner – below the skills of most of the students at my school | 23 | 6% | 6% |

4 What types of electronic 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) | 168 | 46% | 48% |
| Smartphone (with Internet access, such as Blackberry, Droid, iPhone) | 112 | 31% | 37% |
| Computer that is provided to me by my school | 169 | 46% | 48% |
| Home computer or laptop | 315 | 86% | 84% |
| Tablet computer (such as iPad) | 88 | 24% | 26% |
| Digital reader (such as: Kindle, Nook) | 59 | 16% | 17% |
| Music or video device (such as: MP3 player, iPod or iPod Touch) | 292 | 80% | 77% |
| Hand-held game (such as: a GameBoy, Nintendo DS) | 258 | 71% | 60% |
| Video Gaming System (such as: Xbox, Playstation, Wii) | 309 | 85% | 80% |
| Other | 70 | 19% | 19% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| My home computer does not have Internet access | 23 | 6% | 6% |
| My home computer has slow or dialup Internet access | 49 | 13% | 15% |
| My home computer has fast Internet access (such as: DSL, Broadband, or cable) | 246 | 67% | 67% |
| I access the Internet at home through a wifi or 3G/4G mobile device | 149 | 41% | 45% |

| | | | |
|--|----|-----|-----|
| I access the Internet at home through a mobile computer or tablet that was provided to me by my school | 22 | 6% | 12% |
| My access to the Internet is through computers at the public library, after school program or community recreation center. | 35 | 10% | 8% |
| My only access to the Internet is at school | 18 | 5% | 6% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Access class information (such as: grades, teachers notes or presentations, podcasts) | 261 | 74% | 68% |
| Access online databases or real time data such as from maps | 104 | 30% | 32% |
| Communicate with other students via email, IM or text messaging | 155 | 44% | 50% |
| Communicate with other students via video conference, webcam or skype | 72 | 20% | 22% |
| Communicate with teachers via email, IM or text messaging | 76 | 22% | 26% |
| Complete writing assignments | 262 | 74% | 70% |
| Conduct Internet research | 274 | 78% | 74% |
| Conduct virtual experiments or simulations | 46 | 13% | 22% |
| Create slide shows, videos or web pages for an assignment | 216 | 61% | 59% |
| Get help from an online tutor | 18 | 5% | 7% |
| Listen to a podcast for a class | 27 | 8% | 10% |
| Play educational games | 166 | 47% | 51% |
| Post to blogs or wikis | 51 | 14% | 14% |
| Record or video a teacher lecture or lab | 26 | 7% | 5% |
| Take tests online | 125 | 36% | 44% |
| Turn in papers for plagiarism check (such as: TurnItIn) | 24 | 7% | 8% |
| Upload assignments and homework to school portal | 55 | 16% | 23% |
| Use mobile applications to keep organized | 57 | 16% | 16% |
| Use my social networking site (such as Facebook) to collaborate with classmates on a project | 96 | 27% | 30% |
| Use online textbooks or other online curriculum | 101 | 29% | 31% |
| Use Twitter to communicate or follow others | 30 | 9% | 9% |
| Other | 28 | 8% | 10% |

7 In the future, some schools may be required to implement online tests in place of paper-based standardized tests. How comfortable are you with the idea of having your academic achievement measured through an online test?

| Response | # of Responses | % of Responses | National % |
|------------------------|----------------|----------------|------------|
| Very comfortable | 134 | 39% | 38% |
| Somewhat comfortable | 115 | 33% | 30% |
| No opinion | 65 | 19% | 20% |
| Somewhat uncomfortable | 21 | 6% | 7% |
| Very uncomfortable | 13 | 4% | 4% |

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 Facebook or other social networking sites | 167 | 48% | 50% |
| Cannot communicate with classmates using email, text or IM | 155 | 45% | 42% |
| Cannot use my own cell phone, smartphone, tablet computer or MP3 player | 204 | 59% | 57% |
| Cannot use my own laptop in school | 148 | 43% | 41% |
| My assignments don't require using technology | 68 | 20% | 18% |
| Not enough computers or they don't often work | 87 | 25% | 25% |
| Teachers don't know how to use the technology | 46 | 13% | 10% |
| Teachers limit our technology use | 149 | 43% | 40% |
| The Internet is too slow | 116 | 33% | 30% |
| There are too many rules against using technology at my school | 150 | 43% | 43% |
| Websites that I need are blocked (through school filters or firewalls) | 181 | 52% | 49% |
| Not a big deal. I rarely use the technology at my school | 37 | 11% | 15% |
| Other | 17 | 5% | 8% |

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 the websites I need | 245 | 70% | 68% |
| Let me access the school network from home or school | 110 | 31% | 38% |
| Let me recharge my devices at school | 110 | 31% | 34% |
| Let me use my own cell phone, smartphone, tablet computer or MP3 player | 196 | 56% | 56% |
| Let me use my own laptop or netbook during the school day | 143 | 41% | 42% |
| Provide 24/7 access to my teachers | 61 | 17% | 25% |
| Provide access to an online tutor | 44 | 13% | 19% |
| Provide access to social networking sites (such as Facebook) | 129 | 37% | 41% |
| Provide class work, assignments and resources online | 140 | 40% | 42% |
| Provide me a laptop or other mobile devices that I can use at school | 148 | 42% | 38% |
| Provide me with unlimited Internet or Wi-Fi access throughout the school | 166 | 47% | 46% |
| Provide tools for me to communicate with my classmates | 142 | 41% | 41% |
| Provide tools for me to communicate with my teacher(s) | 110 | 31% | 32% |
| Provide tools for me to organize my schoolwork | 135 | 39% | 40% |
| Provide tools to help me collaborate with my classmates on schoolwork | 99 | 28% | 32% |
| Nothing - I like things the way they are | 32 | 9% | 10% |
| Other | 13 | 4% | 5% |

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 | 27 | 8% | 11% |
| Agree | 107 | 30% | 35% |
| Disagree | 61 | 17% | 15% |
| Strongly disagree | 51 | 14% | 10% |
| No opinion | 60 | 17% | 14% |
| I don't know | 47 | 13% | 14% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Access online textbooks | 222 | 64% | 61% |
| Access social networking sites (such as Facebook) | 161 | 46% | 47% |
| Access the school network from home or school | 153 | 44% | 49% |
| Check grades | 261 | 75% | 76% |
| Communicate with classmates and teachers | 198 | 57% | 59% |
| Create and share videos or podcasts | 106 | 30% | 33% |
| Learn about school activities | 149 | 43% | 48% |
| Look up information on the Internet | 245 | 70% | 70% |
| Organize my schoolwork assignments | 175 | 50% | 53% |
| Play educational games | 176 | 51% | 55% |
| Receive reminders and alerts about upcoming tests or assignment due dates | 216 | 62% | 62% |
| Record or video lectures or labs so that I can review them later | 92 | 26% | 33% |
| Take notes for class | 230 | 66% | 67% |
| Upload or download information from my teacher's website and/or the school's portal | 104 | 30% | 36% |
| Use mobile apps to make me more productive | 144 | 41% | 43% |
| Use the calendar | 151 | 43% | 47% |
| Work on projects with my classmates | 210 | 60% | 60% |
| Write papers or do homework assignments | 201 | 58% | 54% |
| Other | 19 | 5% | 6% |

12 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 | 16 | 5% | 7% |
| I have taken at least one self-study online class for school credit in addition to taking traditional classes in school | 29 | 9% | 10% |

| | | | |
|--|-----|-----|-----|
| I have taken at least one teacher-led online class for school credit in addition to taking traditional classes in school | 15 | 4% | 10% |
| I have taken at least one online class on my own to pursue my own interests | 31 | 9% | 9% |
| I have not taken an online class but would be interested in doing so | 162 | 48% | 47% |
| I am not interested in taking an online class | 138 | 41% | 38% |

13 What would be the most significant benefits to you of taking an online class? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Class could better fit my schedule | 182 | 52% | 50% |
| I could earn college credit | 160 | 46% | 47% |
| I would be in control of my learning | 191 | 55% | 52% |
| I would be more comfortable asking my teacher questions | 159 | 46% | 43% |
| I would be more motivated to learn | 137 | 39% | 40% |
| I would feel more connected to school | 117 | 34% | 35% |
| I would get extra help in a subject that is hard for me | 170 | 49% | 50% |
| I would graduate early | 91 | 26% | 30% |
| I would have a greater sense of independence | 135 | 39% | 37% |
| I would receive more attention from my teacher(s) | 98 | 28% | 29% |
| It would be easier for me to succeed | 148 | 43% | 43% |
| It would be easier to review class materials as many times as I want | 152 | 44% | 44% |
| It would be easier to share ideas with my classmates | 104 | 30% | 34% |
| My technology skills would improve | 166 | 48% | 47% |
| Take a class not offered at my school | 133 | 38% | 34% |
| To work at my own pace | 193 | 55% | 52% |
| I am not interested in taking an online class | 55 | 16% | 17% |
| I do not know | 54 | 16% | 14% |
| Other | 7 | 2% | 4% |

14 In what subject would you be most interested in taking an online class?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| English/Language Arts | 114 | 33% | 30% |
| Science | 104 | 30% | 35% |
| Math | 137 | 39% | 43% |
| Statistics | 37 | 11% | 9% |
| History/Social Studies | 100 | 29% | 32% |
| Computer Science | 78 | 22% | 22% |
| Art History | 58 | 17% | 19% |
| Health | 82 | 23% | 22% |
| Foreign Language | 125 | 36% | 37% |
| Career training | 93 | 27% | 28% |
| I am not interested in taking an online class | 67 | 19% | 19% |
| Other | 21 | 6% | 9% |

15 Some schools now require students to take at least one online class as part of their education. Do you agree or disagree with this policy?

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 66 | 19% | 19% |
| Agree | 124 | 35% | 30% |
| Disagree | 56 | 16% | 17% |
| Strongly disagree | 37 | 11% | 12% |
| No opinion | 67 | 19% | 22% |

16 Thinking about one of your math or science classes this year, which of these best describes that class?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Traditional class with teacher lectures and textbook assignments | 71 | 21% | 15% |
| Traditional class with teacher lectures, textbook assignments and group projects and/or labs | 107 | 32% | 28% |
| Traditional class where teacher uses technology tools such as interactive white boards, powerpoint presentations and projectors to support instruction | 103 | 31% | 33% |
| Traditional class where teacher and students regularly use digital content, virtual labs, simulations and animations within instruction | 16 | 5% | 5% |
| Traditional class where students direct their own learning through the use of laptops, mobile devices and social media tools | 5 | 1% | 4% |
| Blended class where some class periods are spent in a traditional format and others involve self-paced online instruction | 14 | 4% | 6% |
| Online class in a special lab at school with Internet-based lessons and onsite teacher | 1 | 0% | 2% |
| Online class taken in a special lab at school with Internet-based lessons and remote online teacher | 3 | 1% | 2% |
| Online class taken at home with Internet-based lessons and an online teacher | 7 | 2% | 2% |
| Online class taken at home with self-study Internet-based lessons | 2 | 1% | 2% |
| I am not taking a math or science class this year | 3 | 1% | 1% |
| Other | 4 | 1% | 1% |

17 Now, imagine your ultimate math 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 or email my teacher with my questions | 150 | 43% | 46% |
| Collaborating with my classmates on problem solving tasks | 155 | 45% | 49% |
| Having access to an online math tutor | 84 | 24% | 32% |
| Learning from a teacher who I feel a connection with | 117 | 34% | 40% |
| Learning from a teacher who is excited about math | 105 | 30% | 38% |
| Learning math by solving real-world problems | 105 | 30% | 33% |
| Playing online or computer based math games | 128 | 37% | 47% |
| Practicing problems from my textbook | 94 | 27% | 29% |

| | | | |
|--|-----|-----|-----|
| Taking an online math class | 90 | 26% | 29% |
| Understanding the context of math through a virtual reality environment | 52 | 15% | 23% |
| Using a class blog or wiki to share ideas with my classmates | 57 | 16% | 23% |
| Using a mobile device to video math lessons to review later | 96 | 28% | 33% |
| Using an online textbook that I can access through a mobile device | 106 | 31% | 31% |
| Using animations or simulations to help me visualize difficult math concepts | 65 | 19% | 28% |
| Using real time data to understand the context for math | 54 | 16% | 21% |
| None of the above | 30 | 9% | 7% |
| Other | 8 | 2% | 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 | 16 | 5% | 5% |
| No, my strengths are in other areas | 57 | 17% | 16% |
| No, my parents say that other jobs are better | 7 | 2% | 3% |
| No, those subjects are not interesting to me | 59 | 17% | 15% |
| Maybe, I would like to know more about those jobs or careers | 90 | 26% | 27% |
| Yes, I am somewhat interested in a job or career in those fields | 59 | 17% | 17% |
| Yes, I am very interested in a job or career in those fields | 56 | 16% | 19% |

19 Our national leaders would also like to have more students pursue careers in teaching. Right now, are you interested in a job or career in teaching or a related education field?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| No, my strengths are in other areas | 101 | 30% | 27% |
| No, my parents say that other jobs are better | 15 | 4% | 4% |
| No, teaching does not interest me | 95 | 28% | 28% |
| Maybe, I would like to know more about the different kinds of jobs or careers in teaching | 67 | 20% | 23% |
| Yes, I am somewhat interested in a job or career in teaching | 36 | 11% | 11% |
| Yes, I am very interested in a job or career in teaching | 27 | 8% | 7% |

20 Which of the following would help increase your interest in a career you might be thinking about? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Have a program at school about future careers | 184 | 54% | 53% |
| Have a summer or part time job or internship in my field of interest | 151 | 44% | 48% |

| | | | |
|--|-----|-----|-----|
| Learn about careers through "Day in the Life" podcasts or videos | 70 | 21% | 26% |
| Learn about the job through volunteer opportunities | 127 | 37% | 42% |
| Learn from teachers who have worked in the professional field I'm interested in | 104 | 30% | 36% |
| Let career professionals teach lessons at school | 122 | 36% | 39% |
| Participate in career exploration programs after school | 76 | 22% | 29% |
| Participate in career exploration programs during the summer | 60 | 18% | 24% |
| Participate in competitions that allow me to assess my skills against other students | 68 | 20% | 27% |
| Participate in virtual tours of companies | 60 | 18% | 25% |
| Provide access to websites with information about careers | 101 | 30% | 30% |
| Take a career technical education class at school to learn about careers | 67 | 20% | 25% |
| Take a field trip to visit companies and meet successful role models | 107 | 31% | 42% |
| Take a self-assessment test to identify my career interests or strengths | 75 | 22% | 29% |
| Use a mobile application to explore careers | 85 | 25% | 28% |
| Use the same tools in my classroom that professionals use at work | 64 | 19% | 23% |
| Work with mentors who can help me with my college and career planning | 72 | 21% | 27% |
| Other | 23 | 7% | 8% |

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 | 131 | 39% | 45% |
| Communicate with others through email, IM or text message | 214 | 64% | 64% |
| Contribute to a wiki | 26 | 8% | 13% |
| Create videos to post and share with others | 55 | 16% | 20% |
| Participate in 3D virtual reality environments (such as: Second Life, Whyville) | 43 | 13% | 20% |
| Participate in online games | 122 | 36% | 45% |
| Update my social networking profile (such as Facebook) | 149 | 44% | 48% |
| Upload or download videos, podcasts or photos to/from the Internet | 66 | 20% | 28% |
| Use web tools for writing collaboratively with others (such as: GOOGLE docs, writeboard or letterpop) | 99 | 29% | 30% |
| Use web tools to create a list of resources I want to share or remember (such as: delicious, digg, diigo, reddit) | 42 | 13% | 14% |
| Use web tools to notify me about things I'm interested in (such as: news or magazine articles or changes to websites) | 64 | 19% | 24% |
| Write or contribute to a blog (my own or someone else's) | 34 | 10% | 16% |
| None of the above | 41 | 12% | 10% |

| | | | |
|-------|----|----|----|
| Other | 15 | 4% | 6% |
|-------|----|----|----|

22 How do you define success with your schoolwork?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Achieving your personal learning goals | 199 | 60% | 64% |
| Being looked up to by your classmates | 102 | 31% | 36% |
| Class rank | 81 | 24% | 33% |
| Development of critical thinking and problem solving skills | 67 | 20% | 31% |
| Getting a good job after graduation | 152 | 46% | 52% |
| Getting into a good college | 194 | 58% | 62% |
| Getting special privileges | 79 | 24% | 33% |
| Good grades | 236 | 71% | 75% |
| Knowing more than others about a subject that interests you | 100 | 30% | 37% |
| Learning more than you thought you would | 106 | 32% | 42% |
| Your parents or family are proud of you | 163 | 49% | 55% |
| School honors or recognitions | 112 | 34% | 44% |
| Self - satisfaction of working hard and trying your best | 140 | 42% | 49% |
| Other | 11 | 3% | 4% |

23 How much do you agree with this statement: I prefer to do the majority of my reading for my schoolwork online rather than reading from a printed page of text.

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 77 | 23% | 23% |
| Agree | 73 | 22% | 22% |
| Disagree | 60 | 18% | 15% |
| Strongly disagree | 35 | 11% | 11% |
| No opinion | 39 | 12% | 13% |
| Not sure | 49 | 15% | 16% |

24 Thinking about reading to support homework and class assignments, which of these statements are true for you?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| I read longer when I am reading a printed book or article | 136 | 41% | 37% |
| I prefer to read short articles online | 111 | 34% | 34% |
| It is better for me to print long or complex articles to read | 44 | 13% | 14% |
| I would rather study for a test using printed materials | 91 | 27% | 32% |
| I remember more when I read from a printed text | 75 | 23% | 30% |
| I feel like I am making a contribution to protecting the environment when I read online | 67 | 20% | 21% |
| Reading online is a better fit for my learning style | 73 | 22% | 25% |
| Reading a printed text is a better fit for my learning style | 67 | 20% | 28% |
| Too much online reading creates eyestrain for me | 76 | 23% | 29% |
| I get easily distracted when reading an online article | 96 | 29% | 30% |
| I like that I can easily search terms or words when I am reading an online article | 99 | 30% | 30% |
| I prefer to use a printed text because it is easier to make notes on the page | 54 | 16% | 24% |

I think you need to learn different skills to effectively comprehend information from an online article 35 11% 15%

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 | 42 | 13% | 11% |
| Found an online tutor | 14 | 4% | 9% |
| Found information online that helped me better understand a topic we were studying in class | 122 | 37% | 41% |
| Found experts online who could answer my questions | 26 | 8% | 13% |
| Listened to a podcast about a topic I was interested in | 32 | 10% | 14% |
| Posted to a blog or wiki | 29 | 9% | 11% |
| Sought help from other students through my social networking site | 46 | 14% | 20% |
| Took a self-paced tutorial on a subject | 25 | 8% | 12% |
| Took an online class | 18 | 5% | 9% |
| Took an online test or assessment | 39 | 12% | 18% |
| Tutored other students who needed help | 26 | 8% | 14% |
| Used mobile applications to help with my self-organization | 57 | 17% | 20% |
| Used online writing tools to improve my own writing | 50 | 15% | 18% |
| Used Twitter to send a tweet about something I was studying | 24 | 7% | 9% |
| Watched a video to learn something or to help me with my homework | 62 | 19% | 25% |
| None of the above | 98 | 30% | 26% |
| Other | 22 | 7% | 7% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Homework helps me practice what I have learned | 182 | 56% | 55% |
| I am having problems with my schoolwork | 72 | 22% | 25% |
| I am interested in what I'm learning in school | 94 | 29% | 39% |
| I am motivated to do well in school because I like school | 78 | 24% | 31% |
| I am motivated to do well in school because I want to please my teachers or parents | 143 | 44% | 50% |
| I am succeeding academically | 134 | 41% | 44% |
| I am worried about my future | 58 | 18% | 25% |
| I believe my school cares about me as a person | 71 | 22% | 31% |
| I don't like school | 90 | 28% | 27% |
| I feel I am prepared to succeed in school | 142 | 44% | 44% |
| I feel safe at school | 124 | 38% | 38% |
| I know how to be safe and protect myself when I am online | 151 | 47% | 46% |
| I know what subjects I need to do more studying in to be successful | 123 | 38% | 44% |
| I wish my classes were more interesting | 144 | 44% | 44% |
| My parents are very involved in my education | 108 | 33% | 36% |

| | | | |
|--|-----|-----|-----|
| My test scores don't match what I know | 54 | 17% | 20% |
| Teachers or my parents expect me to do well in school | 156 | 48% | 51% |
| There is at least one adult at school that I can talk to about school or personal problems | 66 | 20% | 28% |

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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 | 45 | 14% | 18% |
| Being harassed online with hurtful texts or photos | 90 | 28% | 29% |
| Seeing websites with inappropriate content | 71 | 22% | 26% |
| Sharing suggestive text or photos | 64 | 20% | 24% |
| Sharing too much personal information online | 90 | 28% | 29% |
| Spending too much time online | 112 | 35% | 36% |
| Strangers asking to meet in person | 40 | 13% | 16% |
| Students' mobile devices have been stolen | 93 | 29% | 36% |
| Students using mobile devices to cheat | 57 | 18% | 23% |
| Students using others' ideas as their own (plagiarism) | 99 | 31% | 28% |
| None of the above | 82 | 26% | 29% |
| Other | 19 | 6% | 7% |

28

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 | 232 | 73% | 70% |
| Ability to use my own mobile devices | 205 | 64% | 63% |
| Adaptive learning software which adjusts levels of difficulty and content to address your needs | 126 | 40% | 45% |
| Chat rooms to discuss topics with students while in class | 159 | 50% | 55% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking) | 128 | 40% | 43% |
| Computer for every student to use at school (such as: laptop, netbook) | 202 | 64% | 63% |
| Digital content (such as: databases, electronic books, animations, videos etc) | 141 | 44% | 46% |
| Digital media creation tools (video, audio) | 132 | 42% | 45% |
| Digital reader (such as: Kindle, Nook) | 152 | 48% | 49% |
| Electronic portfolios for students | 120 | 38% | 42% |
| Games or virtual simulations | 148 | 47% | 52% |
| Handheld student response systems | 126 | 40% | 41% |
| High speed color printer | 164 | 52% | 53% |
| Instant messaging or text messaging tools | 152 | 48% | 46% |
| Interactive whiteboards (such as: Smartboards, Polyvision) | 138 | 43% | 51% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 85 | 27% | 32% |
| Mobile devices such as smartphones or MP3 players | 142 | 45% | 46% |
| Online classes | 136 | 43% | 41% |
| Online tests and assessments | 148 | 47% | 46% |
| Online textbooks | 156 | 49% | 48% |

Speak Up 2011 Grade 6-8

| | | | |
|---|-----|-----|-----|
| Online tutors | 96 | 30% | 36% |
| School website or portal | 113 | 36% | 39% |
| Tablet computer (such as iPad) | 155 | 49% | 52% |
| Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas) | 132 | 42% | 44% |
| Video conferences and webinars | 74 | 23% | 28% |
| Virtual or online whiteboard | 107 | 34% | 37% |
| Virtual reality games or environments | 90 | 28% | 36% |
| Other | 20 | 6% | 7% |

Open Ended: Pretend that you are “Principal for the Day” at your school. Your #1 goal as Principal is to make sure every student feels that they are an important member of your school community and that they are well prepared for going to college or getting a good job. How would you use technology tools including social media to accomplish this goal? What new technology would your school need? How would students and teachers use these new tools? Remember - you are in charge now and your classmates are counting on you!

Open Ended: The skills students are learning through experiences with the arts, in all of its different forms, are in high demand by employers – creative thinking, self-discipline, collaboration and innovation. How can technology/social media tools and applications help you develop your creativity skills? What kinds of artistic content, products or work are you already creating or producing (in school and out of school) that would not be possible without technology tools? How would you like to use more technology to explore different kinds of artistic experiences (music, dance, visual art, writing, film etc.)? What types of technology should be available in your school to help you develop those important creativity skills? Be creative – share your ideas with us!

State: MI

Results based on 682 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 | 105 | 16% | 31% |
| Grade 10 | 41 | 6% | 24% |
| Grade 11 | 206 | 30% | 22% |
| Grade 12 | 312 | 46% | 22% |
| Alternative program or other | 13 | 2% | 0% |

2 Gender

| Response | # of Responses | % of Responses | National % |
|-------------|----------------|----------------|------------|
| Girl/Female | 302 | 44% | 52% |
| Boy/Male | 379 | 56% | 48% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| An advanced tech user – more expert than most of the students at my school | 174 | 26% | 24% |
| An average tech user – the same as most of the students at my school | 468 | 69% | 71% |
| A beginner – below the skills of most of the students at my school | 33 | 5% | 4% |

4 What types of electronic 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) | 400 | 59% | 49% |
| Smartphone (with Internet access such as: Blackberry, Droid, iPhone) | 256 | 38% | 50% |
| Computer that is provided to me by my school | 363 | 53% | 52% |
| Home computer or laptop | 611 | 90% | 87% |
| Tablet computer (such as iPad) | 83 | 12% | 21% |
| Digital reader (such as: Kindle, Nook) | 74 | 11% | 13% |
| Music or video device (such as: MP3 player, iPod or iPod Touch) | 566 | 83% | 82% |
| Handheld game (such as: GameBoy, Nintendo DS) | 310 | 46% | 43% |
| Video Gaming System (such as: Xbox, Playstation, Wii) | 499 | 73% | 73% |
| Other | 31 | 5% | 5% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| My home computer does not have Internet access | 29 | 4% | 6% |
| My home computer has slow or dialup Internet access | 68 | 10% | 9% |
| My home computer has fast Internet access (such as: DSL, Broadband, or cable) | 504 | 74% | 75% |

| | | | |
|---|-----|-----|-----|
| I access the Internet through a wifi or 3G/4G mobile device | 327 | 48% | 55% |
| I access the Internet at home through a mobile computer or tablet that was provided to me by my school | 50 | 7% | 12% |
| My access to the Internet is through computers at the public library, after school program or community recreation center | 81 | 12% | 9% |
| My only access to the Internet is at school | 35 | 5% | 5% |

6

How do you use technology for schoolwork? (Check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Access class information (such as: grades, teacher's notes or presentations, podcasts) | 541 | 84% | 80% |
| Access online databases or real time data such as from maps | 249 | 38% | 39% |
| Communicate with other students via email, IM, text messaging | 422 | 65% | 64% |
| Communicate with other students via video conference, webcam or skype | 124 | 19% | 27% |
| Communicate with teachers via email, IM or text messaging | 306 | 47% | 42% |
| Complete writing assignments | 512 | 79% | 78% |
| Conduct Internet research | 544 | 84% | 81% |
| Conduct virtual experiments or simulations | 178 | 28% | 22% |
| Create slide shows, videos or web pages for an assignment | 425 | 66% | 68% |
| Get help from an online tutor | 73 | 11% | 10% |
| Listen to a podcast for a class | 81 | 13% | 12% |
| Play educational games | 182 | 28% | 31% |
| Post to blogs or wikis | 76 | 12% | 16% |
| Record or video a teacher lecture or lab | 36 | 6% | 7% |
| Take tests online | 396 | 61% | 44% |
| Turn in papers for plagiarism check (such as: TurnItIn) | 128 | 20% | 22% |
| Upload assignments and homework to school portal | 200 | 31% | 34% |
| Use mobile applications to keep organized | 103 | 16% | 20% |
| Use my social networking site (such as Facebook) to collaborate with classmates on a project | 296 | 46% | 46% |
| Use online textbooks or other online curriculum | 240 | 37% | 36% |
| Use Twitter to communicate or to follow others | 50 | 8% | 16% |
| Other | 26 | 4% | 4% |

7

In the future, some schools may be required to implement online tests in place of paper-based standardized tests. How comfortable are you with the idea of having your academic achievement measured through an online test?

| Response | # of Responses | % of Responses | National % |
|------------------------|----------------|----------------|------------|
| Very comfortable | 213 | 33% | 34% |
| Somewhat comfortable | 183 | 29% | 31% |
| No opinion | 106 | 17% | 18% |
| Somewhat uncomfortable | 90 | 14% | 10% |

Very uncomfortable 45 7% 6%

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 Facebook or other social networking sites | 295 | 47% | 51% |
| Cannot communicate with classmates using email, text or IM | 245 | 39% | 39% |
| Cannot use my own cell phone, smartphone, tablet computer or MP3 player | 337 | 54% | 55% |
| Cannot use my own laptop in school | 194 | 31% | 31% |
| My assignments don't require using technology | 88 | 14% | 16% |
| Not enough computers or they don't often work | 207 | 33% | 29% |
| Teachers don't know how to use the technology | 107 | 17% | 18% |
| Teachers limit our technology use | 249 | 40% | 42% |
| The Internet is too slow | 217 | 35% | 34% |
| There are too many rules against using technology at my school | 281 | 45% | 48% |
| Websites that I need are blocked (through school filters or firewalls) | 400 | 64% | 59% |
| Not a big deal. I rarely use the technology at my school | 76 | 12% | 13% |
| Other | 32 | 5% | 4% |

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 | 457 | 72% | 72% |
| Let me access the school network from home or school | 193 | 30% | 36% |
| Let me recharge my devices at school | 185 | 29% | 36% |
| Let me use my own cell phone, tablet computer, smartphone or MP3 player | 324 | 51% | 59% |
| Let me use my own laptop or netbook during the school day | 219 | 34% | 40% |
| Provide 24/7 access to my teachers | 148 | 23% | 26% |
| Provide access to an online tutor | 119 | 19% | 24% |
| Provide access to social networking sites (such as Facebook) | 247 | 39% | 43% |
| Provide class work, assignments and resources online | 233 | 36% | 41% |
| Provide me a laptop or other mobile device that I can use at school | 182 | 28% | 31% |
| Provide me with unlimited Internet or Wi-Fi access throughout the school | 303 | 47% | 48% |
| Provide tools for me to communicate with my classmates | 190 | 30% | 36% |
| Provide tools for me to communicate with my teacher(s) | 192 | 30% | 35% |
| Provide tools for me to organize my schoolwork | 194 | 30% | 36% |
| Provide tools to help me collaborate with my classmates on schoolwork | 171 | 27% | 31% |
| Nothing - I like the way things are | 79 | 12% | 9% |
| Other | 17 | 3% | 2% |

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 | 59 | 9% | 8% |
| Agree | 270 | 42% | 39% |
| Disagree | 128 | 20% | 19% |
| Strongly disagree | 67 | 10% | 10% |
| No opinion | 91 | 14% | 16% |
| I don't know | 32 | 5% | 8% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Access online textbooks | 378 | 61% | 62% |
| Access social networking sites (such as Facebook) | 304 | 49% | 50% |
| Access the school network from home or school | 315 | 51% | 51% |
| Check grades | 520 | 84% | 81% |
| Communicate with classmates and teachers | 366 | 59% | 63% |
| Create or share documents, videos or podcasts | 281 | 45% | 46% |
| Learn about school activities | 276 | 45% | 47% |
| Look up information on the Internet | 443 | 72% | 72% |
| Organize my schoolwork assignments | 286 | 46% | 53% |
| Play educational games | 196 | 32% | 34% |
| Receive reminders and alerts about upcoming tests or assignment due dates | 374 | 60% | 61% |
| Record or video lectures or labs so that I can review them later | 192 | 31% | 35% |
| Take notes for class | 408 | 66% | 67% |
| Upload or download information from my teachers' website and/or the school's portal | 238 | 38% | 41% |
| Use mobile apps to make me more productive | 238 | 38% | 41% |
| Use the calendar | 326 | 53% | 50% |
| Work on projects with my classmates | 317 | 51% | 55% |
| Write papers or do homework assignments | 348 | 56% | 56% |
| Other | 22 | 4% | 3% |

12 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 | 10% | 6% |
| I have taken at least one self-study online class for school credit in addition to taking traditional classes in school | 170 | 28% | 13% |

| | | | |
|--|-----|-----|-----|
| I have taken at least one teacher-led online class for school credit in addition to taking traditional classes in school | 166 | 27% | 13% |
| I have taken at least one online class on my own to pursue my own interests | 63 | 10% | 10% |
| I have not taken an online class but would be interested in doing so | 144 | 24% | 45% |
| I am not interested in taking an online class | 149 | 25% | 32% |

13 What would be the most significant benefits to you of taking an online class? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Class could better fit my schedule | 365 | 59% | 55% |
| I could earn college credit | 320 | 51% | 53% |
| I would be in control of my learning | 350 | 56% | 53% |
| I would be more comfortable asking my teacher questions | 170 | 27% | 36% |
| I would be more motivated to learn | 159 | 26% | 31% |
| I would feel more connected to school | 138 | 22% | 25% |
| I would get extra help in a subject that is hard for me | 197 | 32% | 41% |
| I would graduate early | 191 | 31% | 34% |
| I would have a greater sense of independence | 256 | 41% | 39% |
| I would receive more attention from my teacher(s) | 101 | 16% | 25% |
| It would be easier for me to succeed | 182 | 29% | 34% |
| It would be easier to review class materials as many times as I want | 285 | 46% | 43% |
| It would be easier to share ideas with my classmates | 134 | 22% | 25% |
| My technology skills would improve | 258 | 41% | 41% |
| Take a class not offered at my school | 293 | 47% | 41% |
| To work at my own pace | 368 | 59% | 53% |
| I am not interested in taking an online class | 87 | 14% | 17% |
| I do not know | 53 | 9% | 12% |
| Other | 22 | 4% | 2% |

14 In what subject would you be most interested in taking an online class?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| English/Language Arts | 144 | 23% | 28% |
| Science | 180 | 29% | 27% |
| Math | 167 | 27% | 32% |
| Statistics | 42 | 7% | 9% |
| History/Social Studies | 170 | 27% | 29% |
| Computer Science | 99 | 16% | 19% |
| Art History | 66 | 11% | 14% |
| Health | 101 | 16% | 20% |
| Foreign Language | 188 | 30% | 32% |
| Career training | 163 | 26% | 26% |
| I am not interested in taking an online class | 140 | 23% | 23% |
| Other | 44 | 7% | 7% |

15 Some schools now require students to take at least one online class as part of their education. Do you agree or disagree with this policy?

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 88 | 14% | 13% |
| Agree | 167 | 27% | 27% |
| Disagree | 155 | 25% | 24% |
| Strongly disagree | 102 | 16% | 15% |
| No opinion | 109 | 18% | 21% |

16 Thinking about one of your math or science classes this year, which of these best describes that class?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Traditional class with teacher lectures and textbook assignments | 139 | 23% | 18% |
| Traditional class with teacher lectures, textbook assignments and group projects and/or labs | 160 | 27% | 25% |
| Traditional class where teacher uses technology tools such as interactive white boards, powerpoint presentations and projectors to support instruction | 131 | 22% | 34% |
| Traditional class where teacher and students regularly use digital content, virtual labs, simulations and animations within instruction | 20 | 3% | 5% |
| Traditional class where students direct their own learning through the use of laptops, mobile devices and social media tools | 16 | 3% | 3% |
| Blended class where some class periods are spent in a traditional format and others involve self-paced online instruction | 25 | 4% | 5% |
| Online class in a special lab at school with Internet-based lessons and onsite teacher | 19 | 3% | 2% |
| Online class taken in a special lab at school with Internet-based lessons and remote online teacher | 30 | 5% | 2% |
| Online class taken at home with Internet-based lessons and an online teacher | 15 | 3% | 2% |
| Online class taken at home with self-study Internet-based lessons | 17 | 3% | 1% |
| I am not taking a math or science class this year | 25 | 4% | 3% |
| Other | 2 | 0% | 1% |

17 Now, imagine your ultimate math 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 or email my teacher with my questions | 241 | 39% | 43% |
| Collaborating with my classmates on problem solving tasks | 306 | 50% | 52% |
| Having access to an online math tutor | 200 | 33% | 39% |
| Learning from a teacher who I feel a connection with | 288 | 47% | 48% |
| Learning from a teacher who is excited about math | 254 | 42% | 43% |
| Learning math by solving real-world problems | 237 | 39% | 37% |
| Playing online or computer based math games | 172 | 28% | 32% |
| Practicing problems from my textbook | 222 | 36% | 36% |

| | | | |
|--|-----|-----|-----|
| Taking an online math class | 124 | 20% | 22% |
| Understanding the context of math through a virtual reality environment | 133 | 22% | 23% |
| Using a class blog or wiki to share ideas with my classmates | 80 | 13% | 16% |
| Using a mobile device to video math lessons to review later | 140 | 23% | 30% |
| Using an online textbook that I can access through a mobile device | 157 | 26% | 30% |
| Using animations or simulations to help me visualize difficult math concepts | 165 | 27% | 29% |
| Using real time data to understand the context for math | 123 | 20% | 21% |
| None of the above | 52 | 9% | 7% |
| Other | 24 | 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 | 26 | 4% | 5% |
| No, my strengths are in other areas | 81 | 14% | 17% |
| No, my parents say that other jobs are better | 9 | 2% | 2% |
| No, those subjects are not interesting to me | 69 | 12% | 14% |
| Maybe, I would like to know more about those jobs or careers | 115 | 20% | 21% |
| Yes, I am somewhat interested in a job or career in those fields | 126 | 22% | 19% |
| Yes, I am very interested in a job or career in those fields | 159 | 27% | 23% |

19 Our national leaders would also like to have more students pursue careers in teaching. Right now, are you interested in a job or career in teaching or a related education field?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| No, my strengths are in other areas | 195 | 32% | 26% |
| No, my parents say that other jobs are better | 12 | 2% | 4% |
| No, teaching does not interest me | 178 | 29% | 31% |
| Maybe, I would like to know more about the different kinds of jobs or careers in teaching | 111 | 18% | 21% |
| Yes, I am somewhat interested in a job or career in teaching | 81 | 13% | 11% |
| Yes, I am very interested in a job or career in teaching | 29 | 5% | 7% |

20 Which of the following would help increase your interest in a career you might be thinking about? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Have a program at school about future careers | 289 | 48% | 55% |
| Have a summer or part-time job or internship in my field of interest | 400 | 66% | 63% |

| | | | |
|--|-----|-----|-----|
| Learn about careers through "Day in the Life" podcasts or videos | 131 | 22% | 27% |
| Learn about the job through volunteer opportunities | 290 | 48% | 50% |
| Learn from teachers who have worked in the professional field I'm interested in | 285 | 47% | 40% |
| Let career professionals teach lessons at school | 239 | 40% | 42% |
| Participate in career exploration programs after school | 175 | 29% | 32% |
| Participate in career exploration programs during the summer | 153 | 25% | 31% |
| Participate in competitions that allow me to assess my skills against other students | 163 | 27% | 25% |
| Participate in virtual tours of companies | 122 | 20% | 24% |
| Provide access to websites with information about careers | 156 | 26% | 32% |
| Take a career technical education class at school to learn about careers | 153 | 25% | 26% |
| Take a field trip to visit companies and meet successful role models | 244 | 40% | 42% |
| Take a self-assessment test to identify my career interests or strengths | 183 | 30% | 33% |
| Use a mobile application to explore careers | 112 | 19% | 23% |
| Use the same tools in my classroom that professionals use at work | 170 | 28% | 25% |
| Work with mentors who can help me with my college and career planning | 186 | 31% | 31% |
| Other | 21 | 3% | 4% |

21

Which of these social based 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 | 341 | 57% | 56% |
| Communicate with others through email, IM or text message | 437 | 74% | 72% |
| Contribute to a wiki | 55 | 9% | 12% |
| Create videos to post and share with others | 84 | 14% | 18% |
| Participate in 3D virtual reality worlds (such as: Second Life, Whyville) | 83 | 14% | 14% |
| Participate in online games | 199 | 34% | 33% |
| Update my social networking profile (such as facebook) | 361 | 61% | 59% |
| Upload or download videos, podcasts or photos to/from the Internet | 194 | 33% | 36% |
| Use web tools for writing collaboratively with others (such as: GOOGLE docs, writeboard or letterpop) | 172 | 29% | 30% |
| Use web tools to create a list of resources I want to share or remember (such as: delicious, digg, diigo, reddit) | 63 | 11% | 13% |
| Use web tools to notify me about things I'm interested in (such as news or magazine articles, or changes to websites) | 130 | 22% | 24% |
| Write or contribute to a blog (my own or someone else's) | 76 | 13% | 15% |
| None of the above | 44 | 7% | 7% |

| | | | |
|-------|----|----|----|
| Other | 17 | 3% | 3% |
|-------|----|----|----|

22 How do you define success with your schoolwork?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Achieving your personal learning goals | 377 | 64% | 66% |
| Being looked up to by your classmates | 174 | 29% | 34% |
| Class rank | 167 | 28% | 37% |
| Development of critical thinking and problem solving skills | 238 | 40% | 38% |
| Getting a good job after graduation | 298 | 50% | 52% |
| Getting into a good college | 363 | 61% | 65% |
| Getting special privileges | 137 | 23% | 27% |
| Good grades | 417 | 71% | 75% |
| Knowing more than others about a subject that interests you | 234 | 40% | 38% |
| Learning more than you thought you would | 247 | 42% | 45% |
| Your parents or family are proud of you | 294 | 50% | 55% |
| School honors or recognitions | 227 | 38% | 46% |
| Self - satisfaction of working hard and trying your best | 323 | 55% | 55% |
| Other | 22 | 4% | 3% |

23 How much do you agree with this statement: I prefer to do the majority of my reading for my schoolwork online rather than reading from a printed page of text.

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 64 | 11% | 15% |
| Agree | 116 | 20% | 21% |
| Disagree | 146 | 25% | 20% |
| Strongly disagree | 108 | 18% | 15% |
| No opinion | 81 | 14% | 16% |
| Not sure | 74 | 13% | 13% |

24 Thinking about reading to support homework and class assignments, which of these statements are true for you?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| I read longer when I am reading a printed book or article | 212 | 36% | 34% |
| I prefer to read short articles online | 190 | 33% | 37% |
| It is better for me to print long or complex articles to read | 107 | 18% | 17% |
| I would rather study for a test using printed materials | 233 | 40% | 39% |
| I remember more when I read from a printed text | 199 | 34% | 32% |
| I feel like I am making a contribution to protecting the environment when I read online | 102 | 17% | 20% |
| Reading online is a better fit for my learning style | 104 | 18% | 21% |
| Reading a printed text is a better fit for my learning style | 198 | 34% | 29% |
| Too much online reading creates eyestrain for me | 244 | 42% | 34% |
| I get easily distracted when reading an online article | 253 | 43% | 37% |
| I like that I can easily search terms or words when I am reading an online article | 216 | 37% | 34% |
| I prefer to use a printed text because it is easier to make notes on the page | 173 | 30% | 28% |

I think you need to learn different skills to effectively comprehend information from an online article 92 16% 15%

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 | 42 | 7% | 9% |
| Found a tutor online | 43 | 7% | 10% |
| Found information online that helped me better understand a topic we were studying in class | 266 | 45% | 48% |
| Found experts online who could answer my questions | 79 | 13% | 15% |
| Listened to a podcast about a topic I was interested in | 73 | 12% | 13% |
| Posted to a blog or wiki | 54 | 9% | 10% |
| Sought help from other students through my social networking site | 164 | 28% | 31% |
| Took a self-paced tutorial on a subject | 86 | 15% | 12% |
| Took an online class | 148 | 25% | 12% |
| Took an online test or assessment | 152 | 26% | 18% |
| Tutored other students who needed help | 98 | 17% | 17% |
| Used mobile applications to help with my self-organization | 109 | 18% | 21% |
| Used online writing tools to improve my own writing | 78 | 13% | 16% |
| Used Twitter to send a tweet about something I was studying | 46 | 8% | 11% |
| Watched a video to learn something or to help me with my homework | 130 | 22% | 25% |
| None of the above | 134 | 23% | 20% |
| Other | 22 | 4% | 4% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Homework helps me practice what I have learned | 334 | 58% | 58% |
| I am having problems with my schoolwork | 156 | 27% | 29% |
| I am interested in what I'm learning in school | 238 | 41% | 37% |
| I am motivated to do well in school because I like school | 171 | 30% | 29% |
| I am motivated to do well in school because I want to please my teachers or parents | 235 | 41% | 47% |
| I am succeeding academically | 263 | 46% | 45% |
| I am worried about my future | 218 | 38% | 35% |
| I believe my school cares about me as a person | 160 | 28% | 25% |
| I don't like school | 198 | 34% | 30% |
| I feel I am prepared to succeed in school | 214 | 37% | 39% |
| I feel safe at school | 213 | 37% | 37% |
| I know how to be safe and protect myself when I am online | 303 | 53% | 49% |
| I know what subjects I need to do more studying in to be successful | 284 | 49% | 49% |
| I wish my classes were more interesting | 270 | 47% | 49% |
| My parents are very involved in my education | 167 | 29% | 32% |

| | | | |
|--|-----|-----|-----|
| My test scores don't match what I know | 172 | 30% | 28% |
| Teachers or my parents expect me to do well in school | 307 | 53% | 54% |
| There is at least one adult at school that I can talk to about school or personal problems | 184 | 32% | 31% |

27

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 | 96 | 17% | 17% |
| Being harassed online with hurtful texts or photos | 193 | 35% | 34% |
| Seeing websites with inappropriate content | 142 | 25% | 26% |
| Sharing suggestive texts or photos | 181 | 32% | 31% |
| Sharing too much personal information online | 203 | 36% | 35% |
| Spending too much time online | 265 | 47% | 45% |
| Strangers asking to meet in person | 96 | 17% | 17% |
| Students' mobile devices have been stolen | 250 | 45% | 46% |
| Students using mobile devices to cheat | 193 | 35% | 32% |
| Students using others' ideas as their own (plagiarism) | 235 | 42% | 34% |
| None of the above | 126 | 23% | 22% |
| Other | 23 | 4% | 4% |

28

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 | 426 | 75% | 72% |
| Ability to use my own mobile devices | 352 | 62% | 64% |
| Adaptive learning software which adjusts levels of difficulty and content to address your needs | 298 | 52% | 48% |
| Chat rooms to discuss topics with students while in class | 269 | 47% | 47% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking) | 239 | 42% | 44% |
| Computer for every student to use at school (such as: laptop, netbook) | 363 | 64% | 61% |
| Digital content (such as: databases, electronic books, animations, videos etc) | 258 | 45% | 45% |
| Digital media creation tools (video, audio) | 269 | 47% | 45% |
| Digital reader (such as: Kindle, Nook) | 235 | 41% | 42% |
| Electronic portfolios for students | 244 | 43% | 41% |
| Games or virtual simulations | 236 | 41% | 41% |
| Handheld student response systems | 196 | 34% | 37% |
| High speed color printers | 318 | 56% | 53% |
| Instant messaging or text messaging tools | 255 | 45% | 45% |
| Interactive whiteboards (such as: Smartboard, Polyvision) | 287 | 50% | 51% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 231 | 41% | 32% |
| Mobile devices such as smartphones and MP3 players | 259 | 46% | 45% |
| Online classes | 292 | 51% | 42% |
| Online tests and assessments | 267 | 47% | 45% |
| Online textbooks | 267 | 47% | 48% |

Speak Up 2011 Grade 9-12

| | | | |
|---|-----|-----|-----|
| Online tutors | 234 | 41% | 41% |
| School website or portal | 250 | 44% | 42% |
| Tablet computer (such as iPad) | 223 | 39% | 43% |
| Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas) | 279 | 49% | 46% |
| Video conferences and webinars | 136 | 24% | 26% |
| Virtual or online whiteboard | 201 | 35% | 33% |
| Virtual reality games or environments | 165 | 29% | 27% |
| Other | 28 | 5% | 4% |

State: MI

Results based on 329 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 | 257 | 79% | 79% |
| Dad | 55 | 17% | 18% |
| Grandparent | 5 | 2% | 1% |
| Other relative or guardian | 8 | 2% | 1% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Preschool | 17 | 5% | 5% |
| Kindergarten - Grade 1 - Grade 2 | 99 | 30% | 32% |
| Grade 3 - Grade 4 - Grade 5 | 121 | 37% | 36% |
| Grade 6 - Grade 7 - Grade 8 | 122 | 37% | 35% |
| Grade 9 - Grade 10 - Grade 11 - Grade 12 | 130 | 40% | 36% |
| Other | 6 | 2% | 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 | 95 | 30% | 36% |
| An average tech user – My skills are the same as most adults I know | 211 | 66% | 59% |
| A beginner tech user -- I am still learning how to use most technology tools | 16 | 5% | 5% |

4 What types of electronic 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) | 199 | 61% | 47% |
| Smartphone (with Internet access such as: Blackberry, Droid, iPhone) | 157 | 48% | 67% |
| Home computer | 320 | 98% | 97% |
| Tablet computer (such as iPad) | 76 | 23% | 36% |
| Digital reader (such as: Kindle, Nook) | 63 | 19% | 29% |
| Music or video device (such as: MP3 player, iPod or iPod Touch) | 228 | 70% | 76% |
| Hand-held game (such as: GameBoy, Nintendo DS) | 143 | 44% | 46% |
| Video Gaming System (such as: xBox, Playstation, Wii) | 212 | 65% | 67% |
| Other | 10 | 3% | 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 | 7 | 2% | 1% |
| A computer with "dial-up" or slow Internet access | 14 | 4% | 1% |
| A computer with fast Internet access (such as: DSL, Broadband, or cable) | 290 | 90% | 92% |

| | | | |
|--|-----|-----|-----|
| I access the Internet through a wifi or 3G/4G mobile device like a smartphone or tablet computer. | 103 | 32% | 45% |
| 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 | 4 | 1% | 1% |

6 Beside not enough funding, what are your top three concerns regarding your child's school right now? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Classes are too big | 131 | 45% | 41% |
| I don't feel a connection with the school | 31 | 11% | 11% |
| My child is not engaged in the curriculum or coursework | 29 | 10% | 12% |
| Not enough emphasis is put on preparing my child for a future job | 47 | 16% | 14% |
| School day is too short | 17 | 6% | 8% |
| School does not offer the classes my child needs or wants to take | 33 | 11% | 9% |
| School safety | 21 | 7% | 10% |
| Teacher or administrator quality | 84 | 29% | 19% |
| Teachers don't work with parents to address child's academic or behavioral issues | 31 | 11% | 11% |
| Technology is not used to support learning | 40 | 14% | 14% |
| The school does not effectively communicate with me | 30 | 10% | 10% |
| Too many discipline problems that take away from learning | 50 | 17% | 11% |
| Too many extracurricular programs have been cancelled | 30 | 10% | 12% |
| Too much emphasis on tests | 64 | 22% | 27% |
| Too much homework | 33 | 11% | 16% |
| Other | 89 | 31% | 28% |

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

| Response | # of Responses | % of Responses | National % |
|---------------------|----------------|----------------|------------|
| Extremely Important | 128 | 43% | 50% |
| Important | 128 | 43% | 37% |
| Somewhat Important | 34 | 11% | 11% |
| Not Important | 6 | 2% | 2% |
| No Opinion | 4 | 1% | 0% |

8 Many schools are exploring how to leverage mobile devices such as smartphones (Blackberry, Droid, iPhone) 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 | 156 | 51% | 59% |
| Improves teacher-parent-student communications | 92 | 30% | 43% |
| Increases student engagement in school and learning | 139 | 46% | 55% |

| | | | |
|--|-----|-----|-----|
| Increases teacher productivity | 62 | 20% | 27% |
| Provides a way for instruction to be personalized for each student | 119 | 39% | 46% |
| Provides a way for students to review classroom material after school | 148 | 49% | 57% |
| Provides a way to help students who are struggling | 124 | 41% | 38% |
| Students develop collaboration and teamwork skills | 52 | 17% | 23% |
| Students develop critical thinking and problem solving skills | 76 | 25% | 32% |
| Students develop stronger communications skills | 55 | 18% | 23% |
| These devices help to extend learning beyond the school day | 139 | 46% | 48% |
| Use of these devices will help improve the teacher's technology skills | 60 | 20% | 23% |
| I don't think these devices will positively impact learning | 50 | 17% | 11% |
| No significant benefit | 30 | 10% | 7% |
| Other | 30 | 10% | 9% |

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 | 67 | 22% | 37% |
| Likely | 84 | 28% | 25% |
| Not likely | 42 | 14% | 9% |
| Very unlikely | 29 | 10% | 6% |
| No opinion | 2 | 1% | 1% |
| Unsure | 27 | 9% | 8% |
| I think it is the responsibility of the school to provide technology for my child to use for educational purposes. | 53 | 17% | 13% |

10 If your child's school allowed the use of mobile devices for educational purposes, how likely would you be to purchase a data plan (such as the fee for Internet access through the device) for your child to use the mobile device?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Very likely | 55 | 18% | 29% |
| Likely | 71 | 23% | 23% |
| Not likely | 51 | 17% | 12% |
| Very unlikely | 35 | 12% | 8% |
| No opinion | 5 | 2% | 1% |
| Unsure | 27 | 9% | 8% |
| I think it is the responsibility of the school to provide Internet access for my child to use for educational purposes. | 59 | 19% | 17% |

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 | 138 | 48% | 54% |
| Ability to work at his/her pace | 145 | 51% | 57% |
| Better fit for how my child wants to learn | 40 | 14% | 19% |
| Get college credit for an advance class | 103 | 36% | 38% |
| Get more individualized attention from the teacher | 40 | 14% | 17% |
| Increase my child's motivation or engagement in the course material | 48 | 17% | 26% |
| Keep my child in school and on track to graduate | 35 | 12% | 13% |
| Make class scheduling easier | 35 | 12% | 19% |
| Take a class not offered at his/her school | 127 | 44% | 49% |
| This would not be good for my child | 65 | 23% | 17% |
| No opinion | 18 | 6% | 4% |
| Other | 27 | 9% | 9% |

12 Some schools now require students to take at least one online class as part of their education. Do you agree or disagree with this policy?

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 27 | 10% | 16% |
| Agree | 82 | 29% | 30% |
| Disagree | 84 | 30% | 25% |
| Strongly disagree | 44 | 15% | 12% |
| No opinion | 47 | 17% | 17% |

13 In the future, schools may be required to implement online tests in place of paper-based standardized tests. How comfortable are you with the idea of having your child's annual academic achievement measured through an online test?

| Response | # of Responses | % of Responses | National % |
|------------------------|----------------|----------------|------------|
| Very comfortable | 70 | 24% | 29% |
| Somewhat comfortable | 104 | 36% | 39% |
| No opinion | 24 | 8% | 7% |
| Somewhat uncomfortable | 55 | 19% | 16% |
| Very uncomfortable | 34 | 12% | 8% |

14 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 or chat | 160 | 56% | 57% |
| Communicate with others through email, IM or text messaging | 272 | 95% | 95% |
| Contribute to a wiki (such as wikipedia) | 14 | 5% | 8% |
| Create a list of resources I want to remember or share (such as: delicious, digg, diigo, reddit etc.) | 16 | 6% | 8% |
| Create videos to post and share with others | 38 | 13% | 19% |
| Take online classes | 63 | 22% | 30% |

| | | | |
|---|-----|-----|-----|
| Update my social networking profile (Facebook or LinkedIn) | 187 | 65% | 63% |
| Upload or download videos, podcasts or photos to/from the Internet | 138 | 48% | 51% |
| Use Twitter to communicate or follow others | 18 | 6% | 12% |
| Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites) | 120 | 42% | 42% |
| Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop) | 48 | 17% | 15% |
| Write or contribute to a blog (my own or someone else's) | 30 | 10% | 12% |
| None of the above | 6 | 2% | 2% |
| Other | 5 | 2% | 2% |

15 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 | 165 | 58% | 58% |
| Cheating on tests by using mobile devices to look up information | 100 | 35% | 32% |
| Copyright issues/illegal file sharing | 73 | 26% | 23% |
| Cyberbullying | 163 | 57% | 57% |
| Difficulty evaluating the credibility of an online resource | 133 | 47% | 45% |
| Ineffective Internet filters and firewalls | 122 | 43% | 47% |
| Meeting strangers online | 190 | 66% | 65% |
| Online predators | 199 | 70% | 69% |
| Plagiarism by copying and pasting online content | 114 | 40% | 32% |
| Privacy of records and information | 128 | 45% | 44% |
| Sharing too much personal information online | 201 | 70% | 72% |
| Too much time spent using technology | 138 | 48% | 51% |
| Violent or inappropriate video or online games | 110 | 38% | 47% |
| Websites that are inappropriate for my child's age | 167 | 58% | 65% |
| I don't have any concerns | 4 | 1% | 2% |
| Other | 12 | 4% | 5% |

16 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 | 199 | 71% | 75% |
| From me or other family members | 257 | 91% | 90% |
| From their friends | 24 | 9% | 11% |
| Learn by using technology as part of their regular classes | 116 | 41% | 49% |
| Learn on their own just by using technology | 15 | 5% | 6% |
| Learn on their own (or from other's) mistakes | 13 | 5% | 6% |
| Learn through a special class at school | 110 | 39% | 42% |
| Learn through activities at school (Internet safety assembly, presentations, guest speakers) | 147 | 52% | 59% |
| Learn through activities outside of school (such as an afterschool program, church, library, club) | 43 | 15% | 18% |
| Learn through an online class | 27 | 10% | 15% |

| | | | |
|--|----|-----|-----|
| Listen to podcasts or watch videos about Internet safety | 37 | 13% | 20% |
| Other | 7 | 2% | 2% |

17 Internationally, there is an interest in encouraging students to pursue careers in science, math, engineering, and technology. Which of these areas are you likely to encourage your child to pursue a career? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Science | 154 | 55% | 61% |
| Math | 111 | 40% | 45% |
| Engineering | 115 | 41% | 52% |
| Technology | 151 | 54% | 56% |
| None of the above | 18 | 6% | 6% |
| Not sure | 66 | 23% | 16% |

18 How does your school or district currently communicate information with you? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Automated phone messages about my child's academic performance | 9 | 3% | 12% |
| Automated phone messages about my child's attendance | 43 | 15% | 39% |
| Broadcast or announcement messages to my home phone | 65 | 23% | 51% |
| Face-to-face meetings | 170 | 61% | 52% |
| Hard copy flyers or newsletters that are sent home with my child or mailed to us | 130 | 47% | 51% |
| Listserv messages or newsletters | 39 | 14% | 24% |
| Local newspaper or public TV announcements | 26 | 9% | 9% |
| Parent association meetings or school board meetings | 93 | 33% | 38% |
| Personal emails | 191 | 68% | 65% |
| Personal phone calls | 85 | 30% | 29% |
| School blog postings | 11 | 4% | 7% |
| School or district Facebook account | 12 | 4% | 8% |
| School portal or website | 159 | 57% | 56% |
| Text message to my cell phone | 30 | 11% | 8% |
| Use Twitter to send updates | 0 | 0% | 1% |
| Other | 18 | 6% | 5% |

19 How would you rate the effectiveness of your school or district's communications with you?

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Very Effective | 60 | 21% | 27% |
| Effective | 166 | 59% | 57% |
| Ineffective | 27 | 10% | 9% |
| Very ineffective | 17 | 6% | 3% |
| No opinion/unsure | 13 | 5% | 3% |

20 Which of these statements best represents any concerns you have about your child's future? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| My child learning the right skills in school to be successful in the future | 205 | 73% | 73% |
| My child staying in school and graduating from high school | 45 | 16% | 17% |
| My child getting into a good college | 122 | 44% | 53% |
| My child having to get additional education beyond college to get a good job | 76 | 27% | 34% |
| My child being able to afford a home in our community | 62 | 22% | 28% |
| My child's ability to do better financially than I have done | 113 | 40% | 39% |
| My child having to compete with better educated workers across the globe for jobs | 101 | 36% | 38% |
| No concerns | 17 | 6% | 5% |
| Other | 24 | 9% | 6% |

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 | 43 | 16% | 24% |
| Ability to access the Internet anywhere at school | 103 | 38% | 41% |
| Adaptive learning software which adjusts levels of difficulty and content to address student needs | 182 | 67% | 68% |
| Chat rooms for students to discuss topics while in class | 24 | 9% | 11% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking) | 30 | 11% | 17% |
| Computer for every student to use at school such as laptop or netbook | 147 | 54% | 59% |
| Digital content (such as: databases, animations, videos etc) | 53 | 20% | 30% |
| Digital media creation tools (video, audio) | 70 | 26% | 36% |
| Digital reader (such as: Kindle, Nook) | 75 | 28% | 35% |
| Electronic portfolios for students | 67 | 25% | 29% |
| Games or virtual simulations | 19 | 7% | 12% |
| Handheld student response systems | 32 | 12% | 19% |
| High speed color printer | 42 | 15% | 20% |
| Instant messaging or text messaging tools | 12 | 4% | 8% |
| Interactive whiteboards (such as: Smartboard, Polyvision) | 101 | 37% | 53% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 65 | 24% | 32% |
| Mobile devices such as smartphones and MP3 players | 19 | 7% | 10% |
| Online classes | 99 | 37% | 36% |
| Online tests and assessments | 89 | 33% | 38% |
| Online textbooks | 125 | 46% | 54% |
| Online tutors | 121 | 45% | 46% |
| School portal or website | 93 | 34% | 47% |
| Tablet Computer (such as iPad) | 72 | 27% | 36% |

| | | | |
|---|-----|-----|-----|
| Tools that help my child(ren) organize their work (such as: organize my assignments, take notes, organize my ideas) | 132 | 49% | 54% |
| Video conferences and webinars | 44 | 16% | 23% |
| Virtual or online whiteboard | 41 | 15% | 23% |
| Virtual reality games or environments | 13 | 5% | 6% |
| Other | 16 | 6% | 4% |

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 | 17 | 6% | 12% |
| Agree | 128 | 46% | 52% |
| Disagree | 48 | 17% | 16% |
| Strongly disagree | 20 | 7% | 4% |
| No opinion | 38 | 14% | 7% |
| Unsure | 28 | 10% | 8% |

23 Gender

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Female | 223 | 80% | 80% |
| Male | 56 | 20% | 20% |

24 Age

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Under 29 | 5 | 2% | 3% |
| 30-39 | 83 | 30% | 29% |
| 40-49 | 148 | 53% | 51% |
| 50-59 | 40 | 14% | 16% |
| 60-69 | 2 | 1% | 1% |
| 70 + | 0 | 0% | 0% |

25 Race or Cultural Identity

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| American Indian/Alaskan Native | 2 | 1% | 1% |
| Aboriginal (First Nations, Metis, Inuit) | 0 | 0% | 0% |
| Non-aboriginal | 0 | 0% | 0% |
| Asian | 4 | 1% | 5% |
| Black/African-American | 0 | 0% | 4% |
| Decline to state | 0 | 0% | 0% |
| Caucasian/White (non-Hispanic) | 234 | 84% | 68% |
| Hispanic/Latino | 2 | 1% | 6% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% | 1% |
| Decline to state | 16 | 6% | 5% |
| Other | 1 | 0% | 2% |

26 Highest level of educational attainment

| Response | # of Responses | % of Responses | National % |
|-------------------------------|----------------|----------------|------------|
| Less than high school diploma | 1 | 0% | 1% |
| High school diploma | 32 | 12% | 6% |
| Some College | 92 | 33% | 24% |

| | | | |
|--------------------|----|-----|-----|
| Bachelor's degree | 74 | 27% | 36% |
| Graduate Education | 77 | 28% | 33% |

27 Household Income

| Response | # of Responses | % of Responses | National % |
|-----------------------|----------------|----------------|------------|
| Less than \$15,000 | 10 | 4% | 2% |
| \$15,000 - \$24,999 | 15 | 6% | 3% |
| \$25,000-\$49,999 | 43 | 17% | 10% |
| \$50,000 - \$74,999 | 64 | 25% | 15% |
| \$75,000 - \$99,999 | 52 | 20% | 17% |
| \$100,000 - \$149,999 | 48 | 19% | 26% |
| \$150,000-\$200,000 | 11 | 4% | 14% |
| Over \$200,000 | 13 | 5% | 13% |

28 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) | 9 | 4% | 33% |
| Parent-Teacher Organization or similar local organization | 34 | 13% | 18% |
| Extracurricular parent booster organization (for sports teams, for band, for field trips etc.) | 57 | 22% | 23% |
| School education foundation | 3 | 1% | 3% |
| School site advisory council | 2 | 1% | 3% |
| Technology advisory group for the school or district | 3 | 1% | 1% |
| Room parent | 28 | 11% | 14% |
| None of the above | 148 | 58% | 36% |
| Other | 27 | 11% | 8% |

State: MI

Results based on 292 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 | 209 | 72% | 78% |
| Special education educator | 32 | 11% | 9% |
| Librarian or media specialist | 0 | 0% | 0% |
| School technology coordinator | 1 | 0% | 1% |
| Academic or guidance counselor | 6 | 2% | 2% |
| Curriculum specialist | 4 | 1% | 1% |
| Paraprofessional, instructional aide or paraeducator | 18 | 6% | 4% |
| Coach or Mentor | 1 | 0% | 1% |
| Other | 18 | 6% | 4% |

2 What grade(s) do you currently teach?

| Response | # of Responses | % of Responses | National % |
|------------|----------------|----------------|------------|
| pre-K | 6 | 2% | 2% |
| K-2 | 59 | 20% | 19% |
| 5-Mar | 68 | 24% | 21% |
| 8-Jun | 47 | 16% | 21% |
| 12-Sep | 85 | 30% | 27% |
| Ungraded | 5 | 2% | 2% |
| All grades | 18 | 6% | 8% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| General Elementary (all subjects) | 110 | 38% | 32% |
| Business | 5 | 2% | 1% |
| Career Technical Education (includes vocational education, ROTC) | 2 | 1% | 2% |
| Computer Science | 0 | 0% | 0% |
| English | 14 | 5% | 9% |
| English as a second language | 4 | 1% | 1% |
| Foreign language | 5 | 2% | 2% |
| Health | 2 | 1% | 1% |
| Math | 31 | 11% | 10% |
| Physical education | 7 | 2% | 3% |
| Science | 23 | 8% | 7% |
| Social Studies or History | 8 | 3% | 6% |
| Special education | 36 | 13% | 8% |
| Technology (includes computer lab, information technology, media arts) | 5 | 2% | 3% |
| Visual and performing arts | 11 | 4% | 4% |
| Yearbook or Journalism | 0 | 0% | 0% |
| Other | 23 | 8% | 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 | 91 | 32% | 29% |
| An average tech user – about the same as my peers | 174 | 61% | 62% |
| A beginning tech user – less developed than my peers | 20 | 7% | 9% |

5 What types of electronic 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) | 169 | 58% | 49% |
| Smartphone (with Internet access such as: Blackberry, Droid, iPhone) | 135 | 47% | 54% |
| Computer provided to me by my school | 245 | 85% | 81% |
| My own personal laptop or other computer | 209 | 72% | 87% |
| Tablet Computer (such as iPad) | 49 | 17% | 26% |
| Digital reader (such as: Kindle, Nook) | 62 | 21% | 24% |
| Music or video device (such as: MP3 player, iPod, or iPod Touch) | 196 | 68% | 66% |
| Handheld game (such as: GameBoy, Nintendo DS) | 63 | 22% | 21% |
| Video Gaming System (xBox, Playstation, Wii) | 109 | 38% | 44% |
| Other | 8 | 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 peers or parents using email, IM or text messaging | 264 | 99% | 96% |
| Communicate with students using email, IM or text messaging | 113 | 42% | 35% |
| Conduct Internet research | 249 | 93% | 90% |
| Create and upload videos, music or pictures | 177 | 66% | 65% |
| Create multi-media presentations | 132 | 49% | 54% |
| Create or listen to podcasts | 88 | 33% | 25% |
| Learn how to do something from an online video | 174 | 65% | 59% |
| Manage electronic portfolios for students | 37 | 14% | 15% |
| Participate in professional online communities | 98 | 37% | 38% |
| Participate in video conferences or webinars | 71 | 27% | 28% |
| Read or post blog or wiki entries | 89 | 33% | 34% |
| Read online texts such as from newspapers, magazines, digital archives, digital libraries | 209 | 78% | 70% |
| Take an online class | 103 | 39% | 38% |
| Update my social networking profile (Facebook, LinkedIn) | 143 | 54% | 45% |
| Upload class information (such as: grades, homework assignments, teachers notes or presentations, podcasts, turn in assignments) | 175 | 66% | 70% |
| Use desktop widgets | 55 | 21% | 12% |
| Use Twitter to communicate or to follow others | 23 | 9% | 8% |
| Other | 16 | 6% | 3% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Conduct investigations | 141 | 53% | 47% |
| Create cues, questions or advanced organizers | 79 | 30% | 41% |
| Create graphic organizers for comparing, classifying, creating metaphors and analogies | 118 | 44% | 52% |
| Create physical models or use pictures to represent knowledge | 99 | 37% | 41% |
| Facilitate group collaboration and structure | 72 | 27% | 32% |
| Homework and practice | 146 | 55% | 59% |
| Note taking and synthesis of information | 91 | 34% | 36% |
| Provide feedback to students | 101 | 38% | 37% |
| Set student objectives | 58 | 22% | 34% |
| Share exemplary student work in classroom, school or with parents | 62 | 23% | 28% |
| Students create movies or animation projects | 49 | 18% | 19% |
| Track the relationship between effort and achievement | 40 | 15% | 15% |
| None of the above | 31 | 12% | 8% |

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

| Response | # of Responses | % of Responses | National % |
|---------------------|----------------|----------------|------------|
| Extremely Important | 78 | 30% | 36% |
| Important | 110 | 42% | 43% |
| Somewhat Important | 59 | 22% | 17% |
| Not Important | 14 | 5% | 3% |
| No Opinion | 3 | 1% | 1% |

9 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 | 162 | 61% | 68% |
| Helps teachers improve their technology skills | 130 | 49% | 55% |
| Improves teacher-parent-student communications | 127 | 48% | 55% |
| Increases student engagement in school and learning | 198 | 74% | 79% |
| Increases teacher productivity | 106 | 40% | 44% |
| Provides a way for instruction to be personalized for each student | 165 | 62% | 61% |
| Provides a way for me to create a learning centered environment | 94 | 35% | 48% |
| Provides a way for students to review classroom material afterschool | 146 | 55% | 58% |
| Provides opportunities for informal remediation | 136 | 51% | 51% |
| Students develop collaboration and teamwork skills | 90 | 34% | 40% |
| Students develop critical thinking and problem solving skills | 123 | 46% | 50% |

| | | | |
|---|-----|-----|-----|
| Students develop stronger communications skills | 99 | 37% | 39% |
| These devices help to extend learning beyond the school day | 148 | 55% | 58% |
| I don't think these devices will positively impact learning | 16 | 6% | 4% |
| No significant benefit | 14 | 5% | 3% |
| Other | 13 | 5% | 2% |

10 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 | 78 | 30% | 35% |
| I am concerned that students will be distracted doing other things such as texting, playing games, research | 205 | 78% | 75% |
| I am worried that I might lose control of the class | 25 | 10% | 12% |
| I don't have curriculum to support their use | 95 | 36% | 26% |
| I don't know how to effectively integrate mobile devices into my instruction | 86 | 33% | 27% |
| I don't know which features I could use for instruction | 84 | 32% | 22% |
| I don't see the value of using mobile devices within instruction | 22 | 8% | 6% |
| Not all of my students have mobile devices | 187 | 71% | 66% |
| Not appropriate for the ages of my students | 73 | 28% | 20% |
| Parents will not support the use of mobile devices | 23 | 9% | 9% |
| Teaching my students how to use mobile devices responsibly | 88 | 34% | 31% |
| Our school does not allow students to use mobile devices in class | 71 | 27% | 26% |
| Other | 20 | 8% | 5% |

11 What is your involvement/interest in online or blended learning environments?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| I have taught an online class where the instruction and content was delivered primarily over the Internet | 15 | 6% | 6% |
| I have taken this kind of an online class for my own professional development | 139 | 56% | 52% |
| I would be interested in teaching an online class | 44 | 18% | 21% |
| I have taught a blended online class where students learned part of the time in a traditional classroom and part of the time through online delivery w | 15 | 6% | 5% |
| I have taken this kind of blended online class environment | 51 | 20% | 18% |
| I would be interested in teaching in a blended online class environment | 52 | 21% | 20% |
| No involvement or interest | 72 | 29% | 31% |
| Other | 15 | 6% | 3% |

12 What are your preferred methods for professional development?

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
|----------|----------------|----------------|------------|

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| | | | |
|--|-----|-----|-----|
| Conference workshops or sessions led by experts in the field | 203 | 81% | 76% |
| I find my own training resources when i need them | 57 | 23% | 23% |
| In-school mentoring program | 79 | 31% | 26% |
| Online course- where instruction and content is delivered online | 67 | 27% | 30% |
| Online course- blended format with some instruction online and some face-to-face | 56 | 22% | 20% |
| Participating in a professional learning community or community of practice | 113 | 45% | 36% |
| Peer-to-peer or school study teams | 102 | 40% | 35% |
| Podcasts or webcasts | 42 | 17% | 15% |
| School or district provided trainings | 113 | 45% | 50% |
| Summer institutes (sponsored by my local university/college, museums, professional associations etc) | 81 | 32% | 31% |
| University or college course | 86 | 34% | 28% |
| Workshops from the County Office of Education or educational services offices | 55 | 22% | 21% |
| Workshops provided by textbook publishers, vendors or technology providers | 27 | 11% | 16% |
| None of the above | 2 | 1% | 1% |
| Other | 4 | 2% | 1% |

13 What would be the benefits of taking an online professional development course?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Ability to customize my learning to meet my needs | 116 | 46% | 44% |
| Fits my schedule | 195 | 78% | 79% |
| I am better organized | 28 | 11% | 15% |
| I am more accountable for my own learning | 43 | 17% | 26% |
| I am part of a professional learning community | 59 | 24% | 22% |
| I can review materials as I need them | 120 | 48% | 47% |
| I feel more connected with my profession | 18 | 7% | 10% |
| I have more opportunities to collaborate with my peers | 22 | 9% | 13% |
| Just-in-time -- when I need it | 53 | 21% | 20% |
| Less expensive than alternatives | 86 | 34% | 29% |
| Provides access to experts | 45 | 18% | 16% |
| Saves time | 80 | 32% | 37% |
| Supports my learning style | 46 | 18% | 19% |
| I have not participated in any online professional development | 45 | 18% | 13% |
| None of the above | 7 | 3% | 3% |
| Other | 2 | 1% | 1% |

14 How would you like your district to use technology to create a professional learning community or community of practice?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Partner with universities to provide graduate level courses | 108 | 44% | 40% |
| Provide a centralized repository of teaching resources | 124 | 51% | 38% |

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| | | | |
|--|-----|-----|-----|
| Provide easy access to student data that I can use to inform my teaching | 113 | 46% | 39% |
| Provide online courses | 98 | 40% | 42% |
| Provide tools that enable me to collaborate with other teachers outside of my school | 107 | 44% | 42% |
| Provide tools that enable me to collaborate with teachers at my school | 139 | 57% | 43% |
| Share documents and note taking for collaborative professional work | 84 | 34% | 29% |
| Use blogs or wikis to share 'best-practice' | 56 | 23% | 21% |
| Use digital readers (such as Kindle) to share books on best practices | 59 | 24% | 24% |
| Use podcasts or webcasts to share teaching topics | 60 | 25% | 19% |
| Use webinars and video conferencing to connect me with experts in my field | 59 | 24% | 21% |
| Other | 7 | 3% | 2% |

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 teaching effectiveness?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Attend a face to face conference | 139 | 55% | 47% |
| Created my own video or podcast to help me share my knowledge with others | 21 | 8% | 7% |
| Found a mentor online | 4 | 2% | 3% |
| Found experts online who could answer my questions | 56 | 22% | 23% |
| Found information on the Internet to help me prepare/deliver a lesson | 189 | 75% | 70% |
| Listened to podcasts or watched videos about a topic I was interested in | 117 | 46% | 38% |
| Participated in a webinar or online conference | 48 | 19% | 18% |
| Posted to a blog or wiki | 42 | 17% | 18% |
| Provided online support to other teachers | 43 | 17% | 16% |
| Sought help from other teachers through my social networking site | 38 | 15% | 17% |
| Started a wiki or blog to share my ideas and connect me with others | 11 | 4% | 5% |
| Took a self-paced tutorial on a subject | 43 | 17% | 15% |
| Took an online course | 60 | 24% | 22% |
| Took online assessments to test my own knowledge on a subject | 36 | 14% | 13% |
| Took part in an online game or simulation | 46 | 18% | 17% |
| Used a mobile application to learn about a subject that interested me | 48 | 19% | 21% |
| Used a mobile application to help me with my self-organization | 37 | 15% | 17% |
| Used Twitter to communicate or to follow others | 16 | 6% | 7% |
| None of the above | 16 | 6% | 7% |
| Other | 7 | 3% | 1% |

16 What types of digital content are you currently using in your classroom?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| 3D content | 8 | 3% | 4% |
| Animations | 30 | 12% | 21% |
| Electronic book subscriptions | 15 | 6% | 10% |
| Game-based environments | 48 | 20% | 24% |
| Intelligent adaptive software | 14 | 6% | 6% |
| Online curriculum | 61 | 25% | 29% |
| Online databases (such as census data, education statistics) | 26 | 11% | 15% |
| Online periodical, news or journal subscriptions | 38 | 16% | 16% |
| Online subscription service of digital resources | 22 | 9% | 11% |
| Online supplemental materials | 75 | 31% | 34% |
| Online textbooks | 47 | 19% | 24% |
| Podcasts or Video (such as: iTunes, YouTube, TeacherTube, SchoolTube etc.) | 82 | 34% | 32% |
| Real-time data (such as: population, weather, NASA, GOOGLE Earth, GIS etc) | 60 | 25% | 23% |
| Simulations | 25 | 10% | 10% |
| Software to help students develop skills (reading, writing, math, foreign language) | 89 | 37% | 34% |
| Teaching aids such as lesson plans, interventions, assessment software | 88 | 36% | 46% |
| Tutorials | 25 | 10% | 15% |
| Virtual field trips | 27 | 11% | 15% |
| Virtual labs | 16 | 7% | 6% |
| None of the above | 30 | 12% | 11% |
| Other | 2 | 1% | 3% |

17 Thinking about the use of game based software and applications for instructional purposes, what would be the primary reason you would be interested in using digital or online games with your students?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Address the different learning styles in my classroom | 154 | 64% | 66% |
| As a student engagement and motivation tool | 172 | 72% | 77% |
| As a vehicle for introducing new concepts | 95 | 40% | 42% |
| Collect assessment data on student proficiency | 74 | 31% | 30% |
| Create a learning centric classroom | 28 | 12% | 22% |
| Create an experiential environment for trial and error type activities | 50 | 21% | 17% |
| Facilitate student collaborative projects | 41 | 17% | 21% |
| Increase the real world context of my curriculum | 65 | 27% | 30% |
| Provide a way for students to visualize difficult concepts | 105 | 44% | 44% |
| Provide opportunities for students to practice skills or knowledge | 132 | 55% | 50% |
| Reinforce understanding and skill knowledge | 123 | 51% | 51% |
| To differentiate instruction | 135 | 56% | 54% |
| I don't see the value of using games within my classroom | 16 | 7% | 4% |
| Other | 6 | 3% | 1% |

18 Which of the following professional development experiences or resources would be most effective in helping you better use digital content in your classroom? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Access to a collection of vetted, grade level, content specific resources | 135 | 57% | 56% |
| Blogs, wikis and chat rooms where teachers can share success stories, struggles and challenges | 40 | 17% | 18% |
| Collection of relevant podcasts | 66 | 28% | 23% |
| Downloadable whitepapers or reports that I can review on my own time | 49 | 21% | 16% |
| Facebook-type environment for sharing best practices and ideas | 36 | 15% | 19% |
| Face-to-face professional development | 104 | 44% | 38% |
| Mentoring by an instructional coach on site | 65 | 27% | 23% |
| Online course | 56 | 24% | 26% |
| Online mentoring by a content specific expert | 23 | 10% | 11% |
| Participation in a professional learning community at my school | 99 | 42% | 32% |
| Participation in an online community of practice with like-minded teachers | 51 | 22% | 20% |
| Series of webinars about specific kinds of digital content | 34 | 14% | 14% |
| Support from a library media specialist who can help with digital content identification and usage | 59 | 25% | 20% |
| Video clips of teachers demonstrating use of digital content in my content area | 85 | 36% | 33% |
| Other | 7 | 3% | 2% |

19 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 | 99 | 42% | 37% |
| Compiled on a list by our State Department of Education or Ministry of Education | 45 | 19% | 23% |
| Content is fee-based | 5 | 2% | 3% |
| Content is free | 126 | 54% | 53% |
| It is an "Open Education Resource" | 56 | 24% | 24% |
| Learn about it on a webinar or virtual conference | 19 | 8% | 9% |
| Learned about the resource through a demonstration at a conference | 59 | 25% | 21% |
| Materials are created by practicing teachers | 137 | 59% | 55% |
| Recommended on education blogs and websites | 59 | 25% | 22% |
| Referred by a colleague | 134 | 57% | 50% |
| Source is a content expert organization (such as: National Science Foundation, universities) | 106 | 45% | 29% |
| Source is an established media or content producer (such as: NBC, Discovery, PBS) | 79 | 34% | 26% |
| Source is an online curriculum company or organization | 29 | 12% | 11% |

| | | | |
|--|-----|-----|-----|
| Student achievement with the materials | 95 | 41% | 38% |
| Teacher evaluation of the materials | 117 | 50% | 42% |
| Textbook publisher recommendations | 21 | 9% | 8% |
| Other | 7 | 3% | 2% |

20 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 | 13 | 5% | 20% |
| Agree | 139 | 58% | 58% |
| Disagree | 50 | 21% | 12% |
| Strongly disagree | 19 | 8% | 4% |
| No opinion | 13 | 5% | 4% |
| I don't know | 7 | 3% | 2% |

21 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 | 75 | 32% | 29% |
| My students are more likely to look up words/concepts that they are not familiar with when reading online text | 46 | 20% | 25% |
| I worry that my students will get easily distracted when reading online text | 86 | 37% | 35% |
| I think that reading online better suits how my students want to learn | 35 | 15% | 22% |
| It is easier for my students to take notes when reading a printed text | 80 | 35% | 26% |
| I think you need to learn different skills to effectively comprehend information from an online article | 73 | 32% | 27% |
| I am reluctant to assign online reading because my students don't have access to the internet outside of school | 107 | 46% | 38% |
| I regularly assign online articles for my students to read | 12 | 5% | 6% |
| When I am preparing for a lesson, I am more likely to print supporting materials than just rely upon the online versions | 97 | 42% | 35% |
| I read longer when I am reading a printed book or article than an online text | 91 | 39% | 27% |
| Too much online reading creates eyestrain for me | 75 | 32% | 28% |
| I rely more on printed text in my classroom than online text | 131 | 57% | 47% |
| My personal preference is to read printed text rather than online text | 112 | 48% | 38% |

22 Which of these have been problems for students at your school? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|--------------------------------|----------------|----------------|------------|
| Approached by strangers online | 17 | 7% | 6% |

| | | | |
|--|-----|-----|-----|
| Cyberbullying | 89 | 39% | 32% |
| Personal information shared with others online | 72 | 32% | 23% |
| Seeing websites with inappropriate content | 87 | 38% | 32% |
| Sharing suggestive texts or photos (sexting) | 40 | 18% | 18% |
| Spending too much time online | 104 | 46% | 39% |
| Strangers asking to meet in person | 9 | 4% | 3% |
| Students' mobile devices have been stolen | 81 | 36% | 25% |
| Students using mobile devices to cheat in class | 41 | 18% | 17% |
| Students using others' ideas as their own (plagiarism) | 92 | 40% | 33% |
| None of the above | 51 | 22% | 29% |
| Other | 22 | 10% | 5% |

23

Which of these social media tools and 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 | 118 | 50% | 50% |
| Communicate with others through email, IM or text message | 223 | 94% | 88% |
| Contribute to a wiki | 12 | 5% | 8% |
| Create a list of resources I want to share or remember (such as: delicious, digg, diigo, reddit) | 35 | 15% | 13% |
| Create videos to post and share with others | 26 | 11% | 13% |
| Participate in online games or 3D virtual reality worlds (such as: Second Life) | 16 | 7% | 10% |
| Participate in an online community around a topic that I am interested in | 37 | 16% | 14% |
| Take an online class | 74 | 31% | 33% |
| Update my social networking profile (Facebook, LinkedIn) | 147 | 62% | 55% |
| Upload or download videos, podcasts or photos to/from the Internet | 124 | 52% | 44% |
| Use Twitter to communicate or to follow others | 21 | 9% | 10% |
| Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites) | 90 | 38% | 28% |
| Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop) | 79 | 33% | 16% |
| Write or contribute to a blog (my own or someone else's) | 28 | 12% | 11% |
| None of the above | 3 | 1% | 4% |
| Other | 2 | 1% | 1% |

24

How has your use of technology within instruction enhanced your students' academic success?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| More students are participating in discussions or group activities | 41 | 18% | 25% |
| Students are applying their knowledge to practical problems | 40 | 18% | 26% |
| Students are creating models and testing their assumptions | 15 | 7% | 7% |

| | | | |
|---|-----|-----|-----|
| Students are demonstrating higher levels of proficiency on standardized tests | 24 | 11% | 11% |
| Students are developing their creativity | 67 | 30% | 35% |
| Students are developing their problem-solving and critical thinking skills | 63 | 28% | 28% |
| Students are gaining a better understanding of the class material through "trial and error" | 33 | 15% | 20% |
| Students are more deeply exploring their ideas | 37 | 16% | 17% |
| Students are more motivated to learn | 101 | 44% | 50% |
| Students are spending more time on drill and practice | 51 | 22% | 18% |
| Students are taking ownership for their learning | 48 | 21% | 22% |
| Students are working together more often | 37 | 16% | 22% |
| Students have a better understanding of abstract concepts | 14 | 6% | 13% |
| Students learn that failure is an opportunity to learn | 18 | 8% | 11% |
| I don't know | 63 | 28% | 21% |
| Other | 18 | 8% | 3% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| I am better organized | 121 | 52% | 47% |
| I am creating more interactive lessons | 78 | 34% | 51% |
| I am creating more relevant lessons | 84 | 36% | 38% |
| I am facilitating student centered learning | 62 | 27% | 37% |
| I am managing my class more effectively | 60 | 26% | 28% |
| I am more connected to my students | 45 | 19% | 23% |
| I am more productive | 75 | 32% | 33% |
| I encourage students to be more self-directed | 62 | 27% | 30% |
| I facilitate collaboration between students | 28 | 12% | 20% |
| I give my students more personalized attention | 32 | 14% | 17% |
| I have a better understanding of what my students are learning | 32 | 14% | 19% |
| I have time to differentiate instruction | 52 | 22% | 25% |
| I know when students are having problems with the content | 35 | 15% | 19% |
| I spend more time with individual students to help them understand the content | 20 | 9% | 15% |
| It's easier to assess how my students are doing | 48 | 21% | 22% |
| None of the above | 37 | 16% | 10% |
| Other | 11 | 5% | 2% |

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 for students to use their own mobile devices | 73 | 31% | 39% |
| Ability to access the Internet anywhere at school and in my classroom | 165 | 70% | 71% |

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| | | | |
|---|-----|-----|-----|
| Adaptive learning software which adjusts levels of difficulty and content to address student needs | 172 | 73% | 63% |
| Chat rooms to discuss topics with students while in class | 37 | 16% | 17% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking) | 68 | 29% | 28% |
| Computer for every student to use at school (such as: laptop, netbook) | 177 | 75% | 71% |
| Digital content (such as: databases, electronic books, animations, videos etc) | 107 | 45% | 45% |
| Digital media creation tools (such as: video, audio) | 96 | 41% | 42% |
| Digital reader (such as: Kindle, Nook) | 96 | 41% | 40% |
| Electronic portfolios for students | 90 | 38% | 38% |
| Games or virtual simulations | 78 | 33% | 35% |
| Handheld student response systems | 92 | 39% | 42% |
| High speed color printers | 82 | 35% | 35% |
| Instant messaging and text messaging | 24 | 10% | 15% |
| Interactive whiteboards (such as: Smartboard, Polyvision) | 128 | 54% | 59% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 61 | 26% | 26% |
| Mobile devices such as smartphone or MP3 players | 37 | 16% | 18% |
| Online classes | 53 | 22% | 25% |
| Online textbooks | 104 | 44% | 48% |
| Online tutors | 85 | 36% | 36% |
| School portal or website | 72 | 30% | 31% |
| Simulations | 64 | 27% | 23% |
| Tablet computer (such as iPad) | 100 | 42% | 42% |
| Tools that help students organize their work (such as: communication, organize my assignments, take notes, organize my ideas) | 96 | 41% | 38% |
| Video conferences and webinars | 34 | 14% | 18% |
| Virtual or online whiteboard | 37 | 16% | 23% |
| Virtual reality games or environments | 22 | 9% | 14% |
| Other | 12 | 5% | 2% |

27 Are you . . .

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Female | 189 | 81% | 82% |
| Male | 43 | 19% | 18% |

28 Highest level of educational attainment

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Some College | 5 | 2% | 2% |
| Bachelor's degree | 44 | 19% | 39% |
| Early Childhood Development Certificate | 14 | 6% | 2% |
| Paraprofessional certificate | 1 | 0% | 1% |
| Masters degree in education | 142 | 60% | 44% |
| Masters degree other than education | 44 | 19% | 9% |
| Teaching certificate - elementary/multiple subject | 67 | 28% | 16% |
| Teaching certificate - single subject | 16 | 7% | 8% |
| Doctorate (PhD, EdD) | 5 | 2% | 1% |

| | | | |
|-------|----|----|----|
| Other | 11 | 5% | 6% |
|-------|----|----|----|

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

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| 3-Jan | 15 | 6% | 10% |
| 10-Apr | 38 | 16% | 31% |
| 15-Nov | 48 | 20% | 21% |
| 16+ | 135 | 57% | 38% |

30 What is your race or cultural identity?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| American Indian/Alaskan Native | 4 | 2% | 1% |
| Aboriginal (First Nations, Metis, Inuit) | 0 | 0% | 0% |
| Non-aboriginal | 0 | 0% | 0% |
| Asian | 2 | 1% | 1% |
| Black/African-American | 8 | 3% | 4% |
| Decline to state | 0 | 0% | 0% |
| Caucasian/White (non-Hispanic) | 184 | 76% | 61% |
| Hispanic/Latino | 3 | 1% | 4% |
| Native Hawaiian/Other Pacific Islander | 2 | 1% | 0% |
| Decline to state | 18 | 7% | 5% |
| Other | 2 | 1% | 1% |

31 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 | 7 | 3% | 3% |
| No | 202 | 85% | 86% |
| I am not familiar with this organization, but would like to be | 21 | 9% | 7% |
| I don't know if I am a member | 2 | 1% | 2% |
| None of the above | 6 | 3% | 2% |

Open Ended: Technology has transformed the way students approach school today, and the way they interact with their friends and their parents. But how has technology changed your professional and school interactions? How is your relationship with your students different today because of technology? What about your interactions with your students' parents? And how about your relationships with your teaching colleagues – both at your school or maybe the ones you are tap into only virtually? Tell us about the qualities of these new tech-enabled interactions and how you think technology and social media tools could enhance your effectiveness and productivity as a teacher today (or not).

State: MI

Results based on 27 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 | 2 | 7% | 13% |
| Librarian Media Specialist | 12 | 44% | 36% |
| Library Assistant | 0 | 0% | 8% |
| Media Specialist | 5 | 19% | 6% |
| Teacher Librarian | 2 | 7% | 9% |
| Instructional Technology Specialist | 0 | 0% | 14% |
| Other | 6 | 22% | 15% |

2 Where do you primarily work? (select one)

| Response | # of Responses | % of Responses | National % |
|--------------------------------------|----------------|----------------|------------|
| School Site | 27 | 100% | 95% |
| District | 0 | 0% | 3% |
| Public Library | 0 | 0% | 1% |
| Museum (or other public institution) | 0 | 0% | 0% |
| Other | 0 | 0% | 1% |

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 | 17 | 63% | 57% |
| An average tech user – about the same as my peers | 10 | 37% | 39% |
| A beginning tech user – less developed than my peers | 0 | 0% | 4% |

4 What types of electronic 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) | 17 | 63% | 48% |
| Smartphone (with Internet access such as: Blackberry, Droid, iPhone) | 11 | 41% | 53% |
| Computer provided to me by my school or district | 24 | 89% | 82% |
| My own personal laptop or other computer | 17 | 63% | 86% |
| Tablet computer (such as: iPad) | 10 | 37% | 37% |
| Digital reader (such as: Kindle, Nook) | 12 | 44% | 38% |
| Music or video device (such as: MP3 player or iPod) | 18 | 67% | 69% |
| Handheld game (such as: GameBoy, Nintendo DS) | 7 | 26% | 21% |
| Video Gaming System (xBox, Playstation, Wii) | 9 | 33% | 43% |
| Other | 0 | 0% | 5% |

5 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 | 21 | 78% | 71% |
| Important | 6 | 22% | 25% |
| Somewhat Important | 0 | 0% | 3% |

| | | | |
|---------------|---|----|----|
| Not Important | 0 | 0% | 1% |
|---------------|---|----|----|

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Acquire and catalogue resources online | 17 | 68% | 73% |
| Answer questions about how to use various types of technology (software or hardware) | 19 | 76% | 81% |
| Conduct Internet research for teachers | 17 | 68% | 71% |
| Create resource collections | 20 | 80% | 65% |
| Create technology lessons for teachers | 8 | 32% | 42% |
| Create videos, podcasts or multi-media presentations for instructional purposes | 11 | 44% | 46% |
| Evaluate software for instructional use | 12 | 48% | 40% |
| Find digital content (such as: games, animations, simulations, 3D content) for teachers to use in their lessons | 14 | 56% | 51% |
| Find podcasts, videos or presentations that can be used in lessons | 12 | 48% | 50% |
| Help teachers create videos, podcasts or multi-media presentations | 11 | 44% | 42% |
| Identify text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries) | 15 | 60% | 63% |
| Make purchasing recommendations for technology (such as: hardware, software, subscription services, electronic resources, digital content, etc) | 13 | 52% | 56% |
| Manage online subscriptions | 11 | 44% | 41% |
| Manage website or portal | 15 | 60% | 56% |
| Participate with teachers in a professional learning community | 16 | 64% | 67% |
| Provide information about teaching digital citizenship and/or media literacy | 15 | 60% | 58% |
| Publish list of instructional resources | 14 | 56% | 50% |
| Train teachers about how to locate or evaluate digital content | 10 | 40% | 46% |
| Upload resources to library portal (such as: digital content, presentations, podcasts, recommended websites, articles, e-books) | 14 | 56% | 44% |
| This is not part of my current job responsibilities | 3 | 12% | 8% |
| Other | 4 | 16% | 4% |

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 | 4 | 16% | 20% |
| A school based curriculum committee | 3 | 12% | 5% |
| Curriculum Specialist | 1 | 4% | 3% |
| Instructional Technology Specialist or Coordinator | 5 | 20% | 17% |
| Principal | 0 | 0% | 5% |
| Librarian/Media Specialist | 2 | 8% | 5% |

| | | | |
|---|---|-----|-----|
| Teachers identify their own digital content | 2 | 8% | 21% |
| I don't know | 6 | 24% | 17% |
| Other | 2 | 8% | 6% |

8 What types of digital content are you currently recommending to teachers? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| 3D Content | 3 | 14% | 5% |
| Animations | 8 | 36% | 23% |
| Electronic book subscriptions | 5 | 23% | 36% |
| Game-based environments | 4 | 18% | 19% |
| Intelligent adaptive software | 4 | 18% | 10% |
| Online curriculum | 5 | 23% | 37% |
| Online databases (such as: census data, education statistics) | 14 | 64% | 54% |
| Online periodical, news or journal subscriptions | 11 | 50% | 50% |
| Online subscription service of digital content | 8 | 36% | 36% |
| Online supplemental materials | 12 | 55% | 42% |
| Online textbooks | 5 | 23% | 21% |
| Podcasts or video (such as: iTunes, YouTube, TeacherTube, SchoolTube, etc) | 10 | 45% | 47% |
| Real-time data (such as: population, weather, NASA, GOOGLE earth, GIS, etc.) | 8 | 36% | 43% |
| Simulations | 3 | 14% | 16% |
| Software to help students develop skills (reading, writing, math, foreign language) | 9 | 41% | 42% |
| Teaching aids such as lesson plans, interventions, assessment software | 10 | 45% | 44% |
| Tutorials | 10 | 45% | 33% |
| Virtual field trips | 6 | 27% | 35% |
| Virtual labs | 6 | 27% | 13% |
| This is not part of my current job responsibilities | 6 | 27% | 17% |
| Other | 1 | 5% | 3% |

9 What are the most effective ways that you learn about new digital content to recommend to teachers?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Ask other teachers for recommendations | 11 | 44% | 43% |
| Attend conferences | 12 | 48% | 60% |
| Attend webinars or virtual conferences | 7 | 28% | 42% |
| Conduct Internet search | 18 | 72% | 64% |
| Look at the resources students are using | 7 | 28% | 37% |
| Look for resources published by content expert organization (such as: National Science Foundation, universities) | 14 | 56% | 35% |
| Look for resources published by established media or content producer (such as: NBC, Discovery, PBS) | 12 | 48% | 43% |
| Review journal articles | 14 | 56% | 44% |
| Review recommendations from education membership associations (or organizations) | 10 | 40% | 41% |
| Review recommendations from State Department of Education or Ministry of Education | 4 | 16% | 22% |

| | | | |
|--|----|-----|-----|
| Review recommendations in education blogs or wikis | 8 | 32% | 42% |
| Through the online communities I'm a member of | 7 | 28% | 37% |
| Use resources recommended by my school district | 13 | 52% | 53% |
| Use Twitter to ask others about the resources they are using | 1 | 4% | 9% |
| This is not part of my current job responsibilities | 3 | 12% | 15% |
| Other | 0 | 0% | 3% |

10 Which of these factors would you consider most important when recommending digital content to teachers? (check all that apply)

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Accuracy of the content | 21 | 88% | 84% |
| Alignment to curriculum and standards (district, state, national or province) | 19 | 79% | 81% |
| Cost | 18 | 75% | 75% |
| Credibility of the organization publishing the materials | 18 | 75% | 70% |
| Credibility of the person or organization that referred the resource to me | 7 | 29% | 31% |
| Digital content can be used for basic skills development in a specific subject area | 11 | 46% | 39% |
| Digital content can be used to develop students' higher order thinking skills | 12 | 50% | 52% |
| Digital content is created by practicing teachers | 3 | 13% | 17% |
| Digital content is highly engaging and interactive | 13 | 54% | 57% |
| Ease of use for teacher and student | 22 | 92% | 84% |
| Evidence of demonstrated student achievement as a result of using the materials | 8 | 33% | 42% |
| Flexibility of the digital content to be used in a variety of instructional settings (in class, afterschool, independent study) | 11 | 46% | 43% |
| Students have the ability to use the digital content at school or home | 13 | 54% | 50% |
| Teacher evaluation of digital content | 9 | 38% | 28% |
| Teachers can use the digital content in a variety of ways (such as whole class instruction, group work, individual projects) | 12 | 50% | 49% |
| The resources can be easily integrated into our digital content library or learning management system | 7 | 29% | 27% |
| Other | 0 | 0% | 2% |

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 | 3 | 13% | 17% |
| Digital content is not provided as part of our textbooks | 2 | 9% | 13% |
| I am unable to locate appropriate digital content aligned to our curriculum or state standards | 2 | 9% | 11% |
| I am unsure about copyright issues | 3 | 13% | 10% |
| I don't know how to evaluate the quality of digital content | 1 | 4% | 6% |

| | | | |
|---|----|-----|-----|
| Internet bandwidth is insufficient to support digital content use | 5 | 22% | 24% |
| Lack of computer access at school (or district) | 3 | 13% | 29% |
| Lack of funding to purchase digital content | 14 | 61% | 54% |
| Locating appropriate types of digital content for specific instructional strategies | 5 | 22% | 19% |
| Reliable, consistent access to digital content | 4 | 17% | 23% |
| School filters and firewalls | 10 | 43% | 49% |
| Students do not have access to computers or the Internet outside of school | 4 | 17% | 32% |
| Teachers are not comfortable incorporating digital content into their lessons | 7 | 30% | 41% |
| Teachers are not interested in incorporating digital content into their lessons | 4 | 17% | 23% |
| Using digital content to create meaningful learning experiences | 5 | 22% | 13% |
| Other | 5 | 22% | 10% |

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 | 11 | 50% | 62% |
| Blogs, wikis and chat rooms where teachers can share success stories, struggles and challenges | 2 | 9% | 24% |
| Collection of relevant podcasts | 1 | 5% | 21% |
| Downloadable whitepapers or reports that a teacher can review on their own time | 1 | 5% | 12% |
| Facebook-type environment for sharing best practices and ideas | 1 | 5% | 23% |
| Face-to-face professional development | 16 | 73% | 57% |
| Mentoring by an instructional coach on site | 14 | 64% | 48% |
| Online course | 1 | 5% | 21% |
| Online mentoring by a content specific expert | 3 | 14% | 15% |
| Participation in a professional learning community at his/her school | 11 | 50% | 45% |
| Participation in an online community of practice with like-minded teachers | 4 | 18% | 27% |
| Series of webinars about specific kinds of digital content | 1 | 5% | 26% |
| Support from a library media specialist who can help with digital content identification and usage | 12 | 55% | 46% |
| Video clips of teachers demonstrating use of digital content in their content area | 4 | 18% | 36% |
| Other | 2 | 9% | 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 % |
|----------|----------------|----------------|------------|
|----------|----------------|----------------|------------|

Speak Up 2011 Librarian

| | | | |
|--|----|-----|-----|
| Students have better comprehension and retention after reading printed text | 5 | 23% | 22% |
| Students are more likely to look up words/concepts that they are not familiar with when reading an online text | 8 | 36% | 37% |
| I worry that students will get easily distracted when reading online text | 7 | 32% | 33% |
| I think that reading online better suits how students want to learn | 8 | 36% | 36% |
| It is easier for students to take notes when reading a printed text | 4 | 18% | 26% |
| I think you need to learn different skills to effectively comprehend information from an online article | 6 | 27% | 41% |
| Teachers are reluctant to assign online reading because some students don't have access to the Internet outside of school | 14 | 64% | 61% |
| I regularly recommend online articles for students to read | 6 | 27% | 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 | 1 | 5% | 28% |
| I read longer when I am reading a printed book or article than an online text | 8 | 36% | 41% |
| Too much online reading creates eyestrain for me | 5 | 23% | 32% |
| I rely more on printed text in my professional tasks than online text | 2 | 9% | 20% |
| My personal preference is to read online text rather than printed text | 5 | 23% | 16% |

14 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 | 8 | 35% | 52% |
| Created a video or podcast to share with others | 5 | 22% | 28% |
| Found a mentor online | 1 | 4% | 6% |
| Found experts online who could answer my questions | 12 | 52% | 39% |
| Found information on the Internet | 22 | 96% | 89% |
| Listened to podcasts or watched videos about a topic that interested me | 14 | 61% | 65% |
| Participated in a webinar or online conference | 9 | 39% | 49% |
| Posted to a blog or wiki | 5 | 22% | 39% |
| Sought help from others through my social networking site | 6 | 26% | 32% |
| Started a wiki or blog to share my ideas and connect me with others | 2 | 9% | 16% |
| Supported teachers (or other colleagues) online | 6 | 26% | 38% |
| Took a self-paced tutorial on a subject | 11 | 48% | 32% |
| Took an online course | 5 | 22% | 28% |
| Took online assessments to test my own knowledge on a subject | 7 | 30% | 19% |
| Took part in an online game or simulation | 4 | 17% | 26% |

| | | | |
|---|---|-----|-----|
| Used a mobile application to learn about a subject that interested me | 6 | 26% | 31% |
| Used mobile applications to help me with my self-organization | 5 | 22% | 30% |
| Used Twitter to communicate or to follow others | 1 | 4% | 20% |
| None of the above | 1 | 4% | 4% |
| Other | 2 | 9% | 2% |

15 What is your involvement/interest in online or blended learning environments?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| I have taught an online class where the instruction and content was delivered primarily over the Internet | 0 | 0% | 4% |
| I have taken this kind of an online class for my own professional development | 5 | 22% | 33% |
| I would be interested in teaching an online class | 0 | 0% | 8% |
| I have taught a blended online class where students learned part of the time in a traditional classroom and part of the time through online delivery w | 1 | 4% | 3% |
| I have taken a this kind of a blended online class for my own professional development | 6 | 26% | 16% |
| I would be interested in teaching in a blended online class environment | 5 | 22% | 10% |
| No involvement or interest | 4 | 17% | 20% |
| Other | 2 | 9% | 5% |

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 | 4 | 17% | 19% |
| Agree | 11 | 48% | 61% |
| Disagree | 8 | 35% | 13% |
| Strongly disagree | 0 | 0% | 4% |
| No opinion | 0 | 0% | 2% |
| I don't know | 0 | 0% | 2% |

17 Are you . . .

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| Female | 21 | 95% | 91% |
| Male | 1 | 5% | 9% |

18 Which of these degrees or certifications do you currently hold?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Associate degree | 0 | 0% | 10% |
| Bachelor degree | 10 | 45% | 51% |
| Masters degree in Education | 2 | 9% | 19% |
| Masters degree in Education (with specialization in library media) | 0 | 0% | 11% |
| Masters degree in Educational/Instructional Technology | 0 | 0% | 10% |
| Masters degree in Learning Technologies | 0 | 0% | 0% |

Speak Up 2011 Librarian

| | | | |
|--|----|-----|-----|
| Masters degree in Library Science | 14 | 64% | 35% |
| Masters degree in a specialty other than Education | 2 | 9% | 5% |
| Librarian Certification | 2 | 9% | 10% |
| Librarian Media Specialist Certification | 4 | 18% | 30% |
| National Board Certification | 0 | 0% | 4% |
| Teaching Credential | 6 | 27% | 18% |
| Doctorate (PhD, EdD) | 3 | 14% | 1% |
| Other | 2 | 9% | 14% |

19 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 % |
|----------|----------------|----------------|------------|
| 3-Jan | 3 | 13% | 19% |
| 10-Apr | 6 | 26% | 35% |
| 15-Nov | 7 | 30% | 19% |
| 16+ | 7 | 30% | 27% |

20 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% | 1% |
| Non-aboriginal | 0 | 0% | 0% |
| Decline to state | 0 | 0% | 0% |
| Black/African-American | 1 | 5% | 4% |
| Caucasian/White (non-Hispanic) | 14 | 64% | 78% |
| Hispanic/Latino | 0 | 0% | 4% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% | 0% |
| Decline to state | 1 | 5% | 6% |
| Other | 2 | 9% | 1% |

State: MI

Results based on 24 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 | 14 | 58% | 41% |
| Assistant Principal | 6 | 25% | 30% |
| Guidance, Career or Admissions Counselor | 1 | 4% | 7% |
| Curriculum & Instruction (includes Curriculum Coaches) | 0 | 0% | 2% |
| Instructional Technology Specialists | 0 | 0% | 1% |
| Pupil Services (Case Managers, Social Workers, Special Education, etc) | 0 | 0% | 2% |
| Technology Support Staff | 0 | 0% | 2% |
| Title I Director/Coordinator | 0 | 0% | 1% |
| Administrative or Support Staff | 2 | 8% | 10% |
| Other | 1 | 4% | 6% |

2

What type of school are you currently assigned to?

| Response | # of Responses | % of Responses | National % |
|-------------------------------------|----------------|----------------|------------|
| Elementary School | 10 | 42% | 46% |
| Middle School or Junior High School | 4 | 17% | 23% |
| High School | 12 | 50% | 29% |
| Alternative School | 2 | 8% | 2% |
| Virtual or online school | 0 | 0% | 1% |
| Other | 0 | 0% | 6% |

3

What types of electronic 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) | 5 | 21% | 34% |
| Smartphone (with Internet access such as Blackberry, Droid, iPhone) | 18 | 75% | 64% |
| Computer provided to me by my school | 24 | 100% | 90% |
| My own personal laptop or other computer | 16 | 67% | 69% |
| Tablet computer (such as iPad) | 13 | 54% | 47% |
| Digital reader (such as: Kindle, Nook) | 4 | 17% | 18% |
| Music or video device (such as: MP3 player, iPod or iPod Touch) | 18 | 75% | 47% |
| Hand-held game (such as: GameBoy, Nintendo DS) | 3 | 13% | 11% |
| Video Gaming System (such as: xBox, Playstation, Wii) | 8 | 33% | 28% |
| Other | 0 | 0% | 3% |

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 | 8 | 33% | 29% |
| An average tech user – about the same as my peers | 16 | 67% | 65% |
| A beginner tech user – less developed than my peers | 0 | 0% | 6% |

5

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 | 12 | 52% | 45% |
| Adequate funding | 17 | 74% | 45% |
| Adequate school facilities | 5 | 22% | 16% |
| Adequate technology | 10 | 43% | 28% |
| Adherence to curriculum standards (e.g. state, national, provincial) | 8 | 35% | 17% |
| Closing the achievement gap | 17 | 74% | 45% |
| Communications with parents | 6 | 26% | 28% |
| High school graduation rates | 2 | 9% | 12% |
| Incorporation of 21st century skill development into curriculum | 5 | 22% | 23% |
| Recruitment and retention of highly qualified teachers | 4 | 17% | 20% |
| School public image in the community | 5 | 22% | 23% |
| School safety | 8 | 35% | 33% |
| Serving diverse student populations | 6 | 26% | 24% |
| Special education issues and legal compliance | 5 | 22% | 25% |
| Staff morale/motivation | 13 | 57% | 45% |
| Students' behavior/attendance issues | 7 | 30% | 36% |
| Students' health including substance abuse, teen pregnancy, family issues | 5 | 22% | 14% |
| Use of technology within instruction | 6 | 26% | 24% |
| Using data to assess student achievement | 10 | 43% | 30% |
| Using student data to evaluate teacher performance | 11 | 48% | 19% |
| Other | 1 | 4% | 5% |

6

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 | 11 | 50% | 39% |
| Creating academies focused on career technical education and exploration | 3 | 14% | 22% |
| Developing an "individualized education plan" for every student | 8 | 36% | 24% |
| Developing enhanced leadership skills for our administrators | 6 | 27% | 19% |
| Engaging parents as co-teachers | 8 | 36% | 37% |
| Enhancing teacher effectiveness through professional development or professional learning communities | 14 | 64% | 59% |
| Improving pre-service teacher preparation programs | 2 | 9% | 21% |
| Increasing career exploration opportunities for students in science, technology, engineering and math | 3 | 14% | 30% |

| | | | |
|---|---|-----|-----|
| Increasing student access in Advanced Placement courses in high school | 2 | 9% | 13% |
| Increasing the length of the school day or school year | 3 | 14% | 16% |
| Integrating 21st century skills into the curriculum | 8 | 36% | 49% |
| Leveraging technology more effectively such as through online learning, digital textbooks and/or mobile devices | 8 | 36% | 38% |
| Utilizing assessments for measuring 21st century competencies | 3 | 14% | 24% |
| Utilizing longitudinal data systems to better track student learning performance and college/career readiness | 9 | 41% | 27% |
| Other | 1 | 5% | 5% |

7

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

| Response | # of Responses | % of Responses | National % |
|---------------------|----------------|----------------|------------|
| Extremely Important | 10 | 45% | 47% |
| Important | 8 | 36% | 44% |
| Somewhat Important | 3 | 14% | 7% |
| Not Important | 1 | 5% | 0% |
| No Opinion | 0 | 0% | 0% |

8

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 | 2 | 9% | 16% |
| Availability of technology for students' use at school | 10 | 45% | 49% |
| Communication tools for connecting with parents | 6 | 27% | 19% |
| Creating a technology vision for our school | 6 | 27% | 21% |
| Developing acceptable use policies for students and teachers | 2 | 9% | 9% |
| Digital equity issues (student access to technology & Internet at home) | 14 | 64% | 44% |
| Evaluating emerging technologies for classroom use | 9 | 41% | 28% |
| Evaluating quality of digital content or online courses | 0 | 0% | 11% |
| Implementation of a learning management system | 1 | 5% | 9% |
| Incorporating student owned mobile devices into instruction | 5 | 23% | 24% |
| Incorporating student owned mobile devices into our network | 4 | 18% | 14% |
| Internet capacity and bandwidth to accommodate multi-media and digital content | 5 | 23% | 24% |
| Preparing for online assessments | 5 | 23% | 20% |
| Providing accessible printers for student and teacher use | 3 | 14% | 15% |
| Providing online courses for students | 1 | 5% | 13% |
| School or district filters or firewalls | 3 | 14% | 16% |
| Speed and accessibility of the school/district network | 6 | 27% | 22% |
| Staff professional development | 15 | 68% | 48% |
| Student safety online | 6 | 27% | 24% |
| Technology support | 7 | 32% | 33% |
| Using social media effectively | 6 | 27% | 22% |

| | | | |
|-------|---|----|----|
| Other | 0 | 0% | 3% |
|-------|---|----|----|

9 To support the Common Core Standards, the US federal government has funded the development of next generation assessments for deployment in the 2014-2015 school year. These assessments will be online. What are your school's most significant challenges to implementing online assessments with all of your students?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Ability to provide adaptive or assistive technology for some students | 6 | 27% | 25% |
| Costs to modernize infrastructure | 10 | 45% | 41% |
| Creating safeguards for the privacy of the data records | 5 | 23% | 17% |
| Determining technology infrastructure needs | 5 | 23% | 24% |
| How to prevent cheating | 3 | 14% | 19% |
| Lack of backup alternative in case of system failure | 3 | 14% | 26% |
| Limitations on testing windows | 2 | 9% | 20% |
| Limited facility space to accommodate a testing lab | 3 | 14% | 34% |
| Need to increase technology support staff | 9 | 41% | 40% |
| Need to train teachers and students | 11 | 50% | 51% |
| Not enough bandwidth | 2 | 9% | 19% |
| Not enough computers | 9 | 41% | 50% |
| Not enough time to do this by 2014-15 | 2 | 9% | 14% |
| Parents' uneasiness with online testing | 1 | 5% | 6% |
| Students' unpreparedness due to digital equity issues | 4 | 18% | 19% |
| Other | 1 | 5% | 4% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Cost savings | 10 | 45% | 48% |
| Creates rationale for improving technology infrastructure | 2 | 9% | 25% |
| Decrease in staffing | 1 | 5% | 3% |
| Environmental sensitivity | 3 | 14% | 13% |
| Greater flexibility in testing windows | 5 | 23% | 24% |
| Increased parental engagement in student achievement results | 4 | 18% | 15% |
| Increased security of test content | 3 | 14% | 16% |
| Increased student motivation or engagement | 5 | 23% | 39% |
| Prepares students for college and career assessments | 3 | 14% | 33% |
| Reduced handling of secure paper materials | 11 | 50% | 51% |
| Reduction in test administration errors | 10 | 45% | 38% |
| Reduction in time to report testing results | 9 | 41% | 62% |
| Reduction is amount of printed materials | 9 | 41% | 55% |
| Other | 2 | 9% | 2% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Communicate with others with email, IM or text messaging | 21 | 100% | 98% |

| | | | |
|---|----|-----|-----|
| Conduct Internet research | 19 | 90% | 89% |
| Create and upload videos, music or pictures | 16 | 76% | 56% |
| Create multi-media presentations | 15 | 71% | 66% |
| Listen to podcasts, watch videos or view presentations | 14 | 67% | 65% |
| Participate in professional online communities | 9 | 43% | 50% |
| Participate in webinars or video conferences | 15 | 71% | 68% |
| Read or post blog or wiki entries | 7 | 33% | 33% |
| Read text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries) | 12 | 57% | 64% |
| Share information with other administrators and staff via district portal | 13 | 62% | 54% |
| Take an online class | 7 | 33% | 36% |
| Update my profile on a social networking site (LinkedIn or Facebook) | 8 | 38% | 27% |
| Use desktop widgets | 7 | 33% | 11% |
| Use Twitter to communicate or follow others | 5 | 24% | 12% |
| None of the above | 0 | 0% | 0% |

12

Thinking about your professional use of technology, how much do you agree with this statement? I prefer to do the majority of my reading online rather than reading from a printed page of text.

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| Strongly agree | 5 | 24% | 12% |
| Agree | 8 | 38% | 34% |
| Disagree | 6 | 29% | 33% |
| Strongly disagree | 1 | 5% | 9% |
| No opinion | 0 | 0% | 8% |
| Not sure | 1 | 5% | 4% |

13

Many schools are exploring how to leverage mobile devices such as smartphones (Blackberry, Droid, iPhone) 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 % |
|--|----------------|----------------|------------|
| Improves teacher skills with technology | 7 | 33% | 45% |
| Improves teacher-parent-student communications | 7 | 33% | 36% |
| Increases student engagement in school and learning | 19 | 90% | 80% |
| Increases teacher productivity | 8 | 38% | 30% |
| Provides a way for instruction to be personalized for each student | 11 | 52% | 58% |
| Provides a way to create a learning centered environment | 5 | 24% | 43% |
| Provides access to online textbooks | 13 | 62% | 54% |
| Provides opportunities for informal remediation | 7 | 33% | 40% |
| Provides a way for students to review classroom material afterschool | 10 | 48% | 50% |
| Students develop collaboration and teamwork skills | 8 | 38% | 34% |
| Students develop critical thinking and problem solving skills | 9 | 43% | 41% |

| | | | |
|---|----|-----|-----|
| Students develop stronger communications skills | 4 | 19% | 28% |
| These devices help to extend learning beyond the school day | 13 | 62% | 58% |
| I don't think these devices will positively impact learning | 1 | 5% | 4% |
| No significant benefit | 1 | 5% | 3% |
| Other | 1 | 5% | 2% |

14 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 | 12 | 60% | 30% |
| Absence of best practices and role models | 3 | 15% | 26% |
| Challenges associated with the variety of hardware and software products | 5 | 25% | 32% |
| Community reaction and support | 1 | 5% | 8% |
| Concerns about network security | 8 | 40% | 45% |
| Concerns about theft of the devices at school | 11 | 55% | 50% |
| Current district policies about using cell phones in school | 8 | 40% | 47% |
| Devices could be a distraction from the core learning process | 7 | 35% | 40% |
| Digital equity issues (student access to technology & Internet at home) | 12 | 60% | 43% |
| Implementing effective acceptable use policies | 4 | 20% | 23% |
| Internet safety concerns and district liabilities | 6 | 30% | 39% |
| Lack of specific curriculum to support the devices | 5 | 25% | 30% |
| Parental reaction and support | 1 | 5% | 10% |
| Policies on software licenses and usage | 5 | 25% | 19% |
| Teachers are not trained in how to use mobile devices within learning | 12 | 60% | 43% |
| We currently allow students to use their mobile devices to support for instructional purposes in our school/district. | 2 | 10% | 8% |
| Other | 0 | 0% | 5% |

15 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 | 3 | 14% | 9% |
| Likely | 2 | 10% | 13% |
| Not likely | 6 | 29% | 30% |
| Very unlikely | 6 | 29% | 35% |
| No opinion | 1 | 5% | 5% |
| Unsure | 2 | 10% | 6% |
| We currently allow students to use their own mobile devices for instructional purposes at school. | 1 | 5% | 4% |

16 More and more schools are implementing online classes where instruction and content is delivered primarily over the Internet. Who is your primary audience (is any) for online classes in your school?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Administrators | 6 | 29% | 21% |
| At-risk students in traditional school settings | 5 | 24% | 16% |
| Classified staff | 1 | 5% | 7% |
| Classroom teachers/Paraprofessionals | 5 | 24% | 27% |
| Librarians/Media Specialists | 3 | 14% | 12% |
| Students | 9 | 43% | 24% |
| Students in continuation or alternative high schools | 6 | 29% | 12% |
| Students schooled at home | 5 | 24% | 7% |
| We are not offering any online classes at this time | 5 | 24% | 40% |
| Other | 0 | 0% | 3% |

17

What would be the most important benefits of offering this kind of online learning to your students?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Eliminate costs associated with textbooks | 9 | 45% | 38% |
| Increase graduation rates | 6 | 30% | 20% |
| Increase student participation in AP courses | 4 | 20% | 15% |
| Keep students engaged in school | 8 | 40% | 47% |
| Offer academic remediation to students | 12 | 60% | 46% |
| Offer afterschool enrichment programs | 7 | 35% | 35% |
| Offer dual-enrollment courses to students | 5 | 25% | 22% |
| Offer instruction for homebound students (e.g. illness, health or behavioral reasons) | 8 | 40% | 36% |
| Offer scheduling alternatives for students | 13 | 65% | 33% |
| Provide advanced coursework | 7 | 35% | 25% |
| Provide classes in "hard-to-staff" areas | 7 | 35% | 26% |
| Provide electives to students | 7 | 35% | 24% |
| Provide more personalized instruction to students | 7 | 35% | 27% |
| Provide programs for at-risk students | 11 | 55% | 39% |
| Provide programs for gifted students | 14 | 70% | 36% |
| Provide remediation services to students (including credit recovery) | 8 | 40% | 30% |
| We do not offer online classes to students at this time | 3 | 15% | 33% |
| Other | 0 | 0% | 1% |

18

What are the most significant barriers to implementing online courses in your school for students?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Availability of standards-aligned online curriculum | 5 | 24% | 23% |
| Concerned about the quality of the student-teacher interaction online | 12 | 57% | 38% |
| Contractual issues with our teacher union | 3 | 14% | 8% |
| Creating online courses that are academically rigorous | 8 | 38% | 30% |
| Creating policies and procedures for test taking | 3 | 14% | 19% |
| Determining fee structures for students to take online courses | 4 | 19% | 13% |
| Developing the return on investment justification | 4 | 19% | 9% |
| Evaluating pros/cons of building our own courses vs. buying courses | 2 | 10% | 14% |
| Evaluating the quality of online courses or curriculum | 5 | 24% | 30% |

| | | | |
|---|---|-----|-----|
| Finding teachers interested and qualified to teach online classes | 9 | 43% | 28% |
| Funding policies that recognize seat time only | 3 | 14% | 16% |
| Lack of technology infrastructure to support online learning | 4 | 19% | 31% |
| Parents are reluctant to let their child(ren) take online classes | 5 | 24% | 9% |
| Students do not have access to Internet connected computers | 8 | 38% | 27% |
| Other | 1 | 5% | 12% |

19 What has been your personal involvement/interest with online or blended learning environments?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| I have taken an online class for my own professional development where the instruction and content was delivered primarily over the Internet | 14 | 70% | 52% |
| I would be interested in taking more online professional development courses | 7 | 35% | 26% |
| I have taught an online class | 0 | 0% | 6% |
| I have taken a blended online class for my own professional development where part of the instruction was face-to-face and part of it was online | 8 | 40% | 25% |
| I would be interested in taking more blended online professional development courses | 8 | 40% | 15% |
| I have taught a blended online class | 1 | 5% | 3% |
| No involvement to date | 5 | 25% | 29% |
| No interest at this time | 1 | 5% | 6% |

20 How is your school using technology to create a professional learning community or community of practice?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Best-practices are shared through blogs, wikis, podcasts or videos | 8 | 40% | 32% |
| District training is provided through online courses | 3 | 15% | 27% |
| Mentors use online tools to facilitate collaboration between teachers district-wide | 5 | 25% | 18% |
| Shared documents and note-taking for collaborative professional work | 12 | 60% | 50% |
| Student achievement data is electronically available to teachers or principals | 16 | 80% | 72% |
| Teachers can take online graduate level courses | 10 | 50% | 28% |
| Teachers use online tools to collaborate with peers outside of the district | 5 | 25% | 30% |
| Teachers videoconference with other professionals (teachers, education experts, business professionals, professors, etc.) | 2 | 10% | 16% |
| Teaching resources are provided in a searchable, centralized repository | 7 | 35% | 24% |
| Teaching tips are shared through podcasts, webinars or videos | 7 | 35% | 24% |

| | | | |
|--|---|----|----|
| Using digital readers (such as a Kindle) to share books on best practice | 1 | 5% | 5% |
| Other | 0 | 0% | 3% |

21 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 | 14 | 74% | 66% |
| Experience in an online class | 11 | 58% | 47% |
| Experience teaching an online class | 4 | 21% | 25% |
| Know how to effectively use technology to communicate with parents and students | 18 | 95% | 82% |
| Know how to incorporate adaptive learning software into their instruction | 14 | 74% | 59% |
| Know how to incorporate social media tools or applications into instruction | 10 | 53% | 45% |
| Know how to incorporate students' mobile devices into instruction | 9 | 47% | 45% |
| Know how to locate and use digital content and e-textbooks within instruction | 14 | 74% | 62% |
| Know how to locate and use electronic teaching aids and productivity tools | 15 | 79% | 65% |
| Know how to use technology to create authentic learning experiences for students | 16 | 84% | 75% |
| Know how to use technology to facilitate student collaboration | 15 | 79% | 69% |
| Know how to use virtual or online games to teach | 7 | 37% | 39% |
| Participate in an online professional learning community | 11 | 58% | 47% |
| Use technology to differentiate instruction | 14 | 74% | 68% |
| Other | 0 | 0% | 1% |

22 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?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Cost savings | 13 | 68% | 44% |
| Decreases dependence on textbook publishers | 11 | 58% | 50% |
| Differentiates our school (district) as innovative in the use of technology | 8 | 42% | 43% |
| Helps to extend learning beyond the school day | 17 | 89% | 60% |
| Improves quality of instructional materials | 7 | 37% | 45% |
| Improves teacher productivity | 6 | 32% | 32% |
| Improves teacher skills with technology | 8 | 42% | 50% |
| Increases relevancy of the instructional materials | 10 | 53% | 45% |
| Increases student engagement in school and learning | 11 | 58% | 69% |

| | | | |
|--|---|-----|-----|
| Makes use of the technology that we have in the classrooms or media labs | 5 | 26% | 35% |
| Prepares students for the world of work | 8 | 42% | 58% |
| Provides a way for instruction to be personalized for each student | 9 | 47% | 45% |
| Other | 0 | 0% | 1% |

23 What top barriers do you face integrating digital content into your classrooms and curriculum?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Balancing instructional time constraints with time to use the digital content effectively | 11 | 61% | 48% |
| Concerns about student online safety when accessing Internet-based content | 6 | 33% | 32% |
| Evaluating the quality of the digital content | 11 | 61% | 41% |
| Lack of clarity on legal use policies around digital content | 3 | 17% | 17% |
| Locating appropriate free digital content aligned to our curriculum | 9 | 50% | 37% |
| Managing student and teacher subscription-based content in and out of school | 1 | 6% | 18% |
| Our teachers are not trained on how to incorporate digital content effectively | 8 | 44% | 43% |
| Providing enough computers/devices with Internet access for students to use digital content | 12 | 67% | 54% |
| Providing enough Internet bandwidth to fully leverage digital content | 7 | 39% | 32% |
| Teachers are reluctant to incorporate digital content into existing lessons | 6 | 33% | 26% |
| We do not have a school vision for the use of digital content within instruction | 6 | 33% | 15% |
| We do not have the funds to purchase digital content | 10 | 56% | 33% |
| We have other higher priorities than integrating digital resources into our curriculum | 2 | 11% | 9% |
| No barriers | 1 | 6% | 3% |
| Other | 0 | 0% | 2% |

24 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 % |
|---|----------------|----------------|------------|
| Engages students in self-directed independent learning | 4 | 21% | 16% |
| Increases the effectiveness of our teachers through the use of technology | 0 | 0% | 8% |
| Provides a way to differentiate instruction with larger class sizes | 4 | 21% | 18% |

| | | | |
|--|---|-----|-----|
| Provides instruction at the "just right" level for each individual student | 8 | 42% | 27% |
| Real time reporting on student comprehension by concept back to the teacher | 1 | 5% | 15% |
| Real time reporting on student progress against standards for administrators | 1 | 5% | 14% |
| This does not sound like something that would be valuable for our district | 1 | 5% | 2% |
| Other | 0 | 0% | 0% |

25 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 or chat | 13 | 72% | 48% |
| Communicate with others through email, IM or text messaging | 17 | 94% | 92% |
| Contribute to a wiki (such as Wikipedia) | 2 | 11% | 10% |
| Create a list of resources I want to remember or share (such as delicious, digg, diigo, reddit) | 5 | 28% | 13% |
| Create videos to post and share with others | 7 | 39% | 18% |
| Participate in online games or 3D virtual reality environments (such as Second Life) | 2 | 11% | 10% |
| Participate in an online community around a topic that I am interested in | 2 | 11% | 19% |
| Take an online class | 6 | 33% | 32% |
| Update my social networking profile (Facebook, LinkedIn) | 14 | 78% | 45% |
| Upload or download videos, podcasts or photos to/from the Internet | 15 | 83% | 45% |
| Use Twitter to communicate or follow others | 6 | 33% | 14% |
| Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites) | 9 | 50% | 36% |
| Write collaboratively with others (such as: GOOGLE docs, whiteboard or letterpop) | 13 | 72% | 25% |
| Write or contribute to a blog (my own or someone else's) | 2 | 11% | 12% |
| None of the above | 0 | 0% | 2% |
| Other | 0 | 0% | 0% |

26 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 | 11% | 12% |
| Agree | 10 | 56% | 60% |
| Disagree | 3 | 17% | 20% |
| Strongly disagree | 0 | 0% | 3% |
| No opinion | 3 | 17% | 3% |
| I don't know | 0 | 0% | 2% |

27 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 | 13 | 76% | 69% |
| Adaptive learning software which adjusts levels of difficulty and content to address student needs | 15 | 88% | 73% |
| Chat rooms to discuss topics with students while in class | 6 | 35% | 21% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking, etc.) | 7 | 41% | 39% |
| Computer for every student to use at school (such as: laptop, netbook) | 14 | 82% | 76% |
| Digital content (such as: databases, animations, videos, etc.) | 11 | 65% | 43% |
| Digital media creation tools (such as: video, audio) | 9 | 53% | 44% |
| Digital readers (such as: Kindle, Nook) | 12 | 71% | 42% |
| Electronic portfolios for students | 11 | 65% | 52% |
| Games or virtual simulations | 3 | 18% | 21% |
| Handheld student response systems | 13 | 76% | 50% |
| High speed color printers | 4 | 24% | 24% |
| Instant messaging and text messaging tools | 6 | 35% | 18% |
| Interactive whiteboards (such as Smartboard, Polyvision) | 11 | 65% | 64% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 13 | 76% | 36% |
| Mobile devices such as smartphones and MP3 players | 9 | 53% | 24% |
| Online classes | 8 | 47% | 34% |
| Online textbooks | 12 | 71% | 58% |
| Online tutors | 8 | 47% | 44% |
| Providing students the ability to use their own mobile devices | 10 | 59% | 30% |
| School portal or website | 9 | 53% | 37% |
| Simulations | 8 | 47% | 23% |
| Tablet computer (such as: iPad) | 13 | 76% | 51% |
| Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes) | 11 | 65% | 44% |
| Video conferences or webinars | 7 | 41% | 31% |
| Virtual or online whiteboard | 7 | 41% | 26% |
| Virtual reality games or environments | 2 | 12% | 13% |
| Other | 0 | 0% | 1% |

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

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| 3-Jan | 3 | 17% | 17% |
| 10-Apr | 5 | 28% | 43% |
| 15-Nov | 3 | 17% | 19% |
| 16+ | 7 | 39% | 21% |

29 What is your race or cultural identity?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| American Indian/Alaskan Native | 0 | 0% | 1% |
| Aboriginal (First Nations, Metis, Inuit) | 0 | 0% | 0% |
| Non-aboriginal | 0 | 0% | 0% |
| Asian | 1 | 6% | 1% |
| Black/African-American | 2 | 11% | 8% |
| Decline to state | 0 | 0% | 0% |
| Caucasian/White (non-Hispanic) | 15 | 83% | 72% |
| Hispanic/Latino | 0 | 0% | 5% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% | 1% |
| Decline to state | 0 | 0% | 4% |
| Other | 0 | 0% | 1% |

30 Highest level of educational attainment

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Bachelor's degree | 2 | 12% | 5% |
| Master's degree in education | 12 | 71% | 59% |
| Master's degree other than education | 0 | 0% | 10% |
| Teaching certificate - elementary/multiple subject | 0 | 0% | 1% |
| Teaching certificate - single subject | 0 | 0% | 0% |
| Doctorate degree (EdD, PhD) | 1 | 6% | 8% |
| Other | 2 | 12% | 17% |

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

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| AASA | 0 | 0% | 5% |
| CoSN | 0 | 0% | 1% |
| ISTE | 3 | 17% | 5% |
| NAESP | 0 | 0% | 16% |
| NASSP | 5 | 28% | 16% |
| None of the above | 11 | 61% | 63% |

State: MI

Results based on 18 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) | 5 | 28% | 10% |
| Assistant/Deputy Superintendent | 0 | 0% | 6% |
| CTO/CIO/Technology Supervisor | 2 | 11% | 16% |
| Curriculum & Instruction Supervisor | 4 | 22% | 14% |
| Instructional Technology Specialists | 0 | 0% | 7% |
| Technology Support Staff (such as: network, hardware, software) | 1 | 6% | 6% |
| Title I Director/Coordinator | 0 | 0% | 2% |
| Administrative or Support Staff | 4 | 22% | 18% |
| School Board Member | 0 | 0% | 1% |
| Other | 2 | 11% | 21% |

2 What types of electronic 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) | 6 | 33% | 31% |
| Smartphone with Internet access such as: Blackberry, Droid or iPhone | 9 | 50% | 70% |
| Computer provided to me by my district | 17 | 94% | 93% |
| My own personal laptop or other computer | 11 | 61% | 73% |
| Tablet Computer (such as iPad) | 10 | 56% | 55% |
| Digital reader (such as: Kindle, Sony Digital Reader) | 6 | 33% | 23% |
| Music or video device (such as: MP3 player, iPod or iPod Touch) | 7 | 39% | 56% |
| Hand-held game (such as: GameBoy, Nintendo DS) | 1 | 6% | 13% |
| Video Gaming System (such as: xBox, Playstation, Wii) | 3 | 17% | 31% |
| Other | 0 | 0% | 4% |

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 | 7 | 39% | 50% |
| An average tech user – about the same as my peers | 11 | 61% | 46% |
| A beginner tech user – less developed than my peers | 0 | 0% | 4% |

4 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?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Achievement measured by standardized test scores | 6 | 33% | 32% |
| Adequate funding | 15 | 83% | 64% |
| Adequate school facilities | 3 | 17% | 17% |
| Adequate technology | 11 | 61% | 44% |

Speak Up 2011 Administrator

| | | | | |
|---|---|----|-----|-----|
| 4 | Adherence to curriculum standards (e.g. state, national, provincial) | 5 | 28% | 20% |
| | Closing the achievement gap | 6 | 33% | 35% |
| | Communications with parents | 6 | 33% | 21% |
| | District public image in the community | 8 | 44% | 26% |
| | High school graduation rates | 1 | 6% | 15% |
| | Incorporation of 21st century skill development into curriculum | 7 | 39% | 35% |
| 7 | Recruitment and retention of highly qualified teachers | 1 | 6% | 17% |
| | School safety | 6 | 33% | 20% |
| | Serving diverse student populations | 2 | 11% | 20% |
| | Special education issues and legal compliance | 4 | 22% | 20% |
| | Staff morale/motivation | 12 | 67% | 43% |
| | Students' behavior/attendance issues | 4 | 22% | 18% |
| | Students' health including substance abuse, teen pregnancy, family issues | 2 | 11% | 10% |
| | Use of technology within instruction | 9 | 50% | 44% |
| | Using data to assess student achievement | 5 | 28% | 33% |
| | Using student data to evaluate teacher performance | 6 | 33% | 24% |
| | Other | 0 | 0% | 6% |

5 **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?**

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Aligning local curriculum to the national Common Core standards | 9 | 50% | 34% |
| Creating academies focused on career technical education and exploration | 2 | 11% | 24% |
| Developing an "individualized education plan" for every student | 3 | 17% | 28% |
| 8 Developing enhanced leadership skills for our administrators | 7 | 39% | 33% |
| Engaging parents as co-teachers | 10 | 56% | 31% |
| Enhancing teacher effectiveness through professional development or professional learning communities | 10 | 56% | 59% |
| Improving pre-service teacher preparation programs | 2 | 11% | 22% |
| Increasing career exploration opportunities for students in science, technology, engineering and math | 5 | 28% | 33% |
| Increasing student access in Advanced Placement courses in high school | 5 | 28% | 20% |
| Increasing the length of the school day or year | 3 | 17% | 15% |
| Integrating 21st century skills into the curriculum | 6 | 33% | 55% |
| Leveraging technology more effectively such as through online learning, digital textbooks and/or mobile devices | 7 | 39% | 52% |
| Utilizing assessments for measuring 21st century competencies | 2 | 11% | 27% |
| Utilizing longitudinal data systems to better track student learning performance and college/career readiness. | 4 | 22% | 30% |

Other 1 6% 4%

6 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 | 6 | 35% | 53% |
| Important | 10 | 59% | 37% |
| Somewhat Important | 1 | 6% | 8% |
| Not Important | 0 | 0% | 1% |
| No Opinion | 0 | 0% | 0% |

7 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?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Assessment of students' technology skills | 1 | 6% | 19% |
| Availability of technology for students' use at school | 11 | 65% | 51% |
| Communication tools for connecting with parents | 5 | 29% | 17% |
| Creating a technology vision for our district | 5 | 29% | 24% |
| Determining appropriate applications for cloud computing | 3 | 18% | 19% |
| Developing acceptable use policies for students and teachers | 3 | 18% | 16% |
| Digital equity issues (student access to technology & Internet at home) | 9 | 53% | 50% |
| Evaluating emerging technologies for classroom use | 5 | 29% | 36% |
| Evaluating quality of digital content or online courses | 4 | 24% | 24% |
| Implementation of a learning management system | 0 | 0% | 13% |
| Incorporating students' mobile devices into instruction | 7 | 41% | 38% |
| Incorporating student owned mobile devices into our network | 6 | 35% | 28% |
| Internet capacity and bandwidth to accommodate multi-media and digital content | 4 | 24% | 32% |
| Preparing for online assessments | 3 | 18% | 23% |
| Providing data plans for mobile devices | 1 | 6% | 6% |
| Providing online courses for students | 3 | 18% | 20% |
| School or district filters or firewalls | 3 | 18% | 19% |
| Speed and accessibility of the school/district network | 5 | 29% | 23% |
| Staff professional development | 10 | 59% | 54% |
| Student safety online | 5 | 29% | 25% |
| Technology support | 1 | 6% | 36% |
| Using social media effectively | 4 | 24% | 23% |
| Other | 0 | 0% | 3% |

8 How does your district's overall budget for education technology initiatives and projects compare this year with your budget in the 2008/2009 school year?

| Response | # of Responses | % of Responses | National % |
|-------------------------|----------------|----------------|------------|
| Significantly increased | 0 | 0% | 8% |
| Slightly increased | 0 | 0% | 11% |
| About the same | 8 | 47% | 21% |
| Slightly less | 3 | 18% | 15% |

| | | | |
|-------------------------------|---|-----|-----|
| Significantly less | 2 | 12% | 25% |
| I don't know that information | 4 | 24% | 20% |

9 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 eRate funds | 7 | 47% | 39% |
| Asking parents for donations or to pay fees | 0 | 0% | 8% |
| Competing for new federal grant programs | 5 | 33% | 30% |
| Cutting back on district technology staff | 5 | 33% | 16% |
| Cutting back on the scope of projects | 4 | 27% | 24% |
| Maintaining the status quo with current infrastructure and projects | 7 | 47% | 34% |
| Putting projects on hold until the budget situation improves | 7 | 47% | 31% |
| Repurposing other budgeted line items (such as textbook funds for digital textbooks) | 2 | 13% | 22% |
| Seeking private and corporate foundation support | 2 | 13% | 18% |
| Tapping into new technology solutions to decrease district costs or increase revenue | 3 | 20% | 24% |
| Using IDEA funds to support technology investments as allowed | 1 | 7% | 16% |
| Using Title 1 funds to support technology investments as allowed | 5 | 33% | 25% |
| Not applicable to us | 1 | 7% | 13% |
| Other | 2 | 13% | 7% |

10 Which if any of these technology solutions are you considering for your district to at least partially help your budget situation?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Building your own online courses | 3 | 19% | 24% |
| Cloud computing applications | 4 | 25% | 35% |
| Digital textbooks | 7 | 44% | 43% |
| Fee based online summer school | 5 | 31% | 11% |
| Free online digital resources (Open Education Resources) | 5 | 31% | 31% |
| Online classes | 8 | 50% | 30% |
| Online curriculum guides | 2 | 13% | 15% |
| Online teacher professional development | 7 | 44% | 37% |
| Parental online and phone based notification systems | 4 | 25% | 26% |
| Students using their own mobile device in class (BYOT) | 5 | 31% | 27% |
| Tablet computers (iPads) or netbooks instead of laptops | 4 | 25% | 39% |
| Using students to provide school based tech support | 0 | 0% | 11% |
| Using Twitter to send district wide messages | 1 | 6% | 9% |
| Virtual conferences and webinars | 2 | 13% | 29% |
| Virtual interactive white boards | 1 | 6% | 16% |
| We are not looking at any tech solutions in this way | 2 | 13% | 9% |
| Other | 1 | 6% | 6% |

11 Increasingly administrators are being asked to justify their technology investments. Which of these outcomes have proven to be good justifications for technology investments in your district?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Alignment with Common Core Standards | 7 | 44% | 38% |
| Better leveraging of current technology in our schools | 7 | 44% | 41% |
| Closed achievement gaps in the district | 4 | 25% | 30% |
| Complied with state or federal policy mandates | 1 | 6% | 20% |
| Created new revenue streams | 0 | 0% | 7% |
| Environmentally appropriate | 0 | 0% | 9% |
| Generated cost savings | 1 | 6% | 22% |
| Improved home to school communications | 8 | 50% | 40% |
| Improved public image of our district | 4 | 25% | 28% |
| Increased student achievement levels | 9 | 56% | 53% |
| Increased teacher productivity | 7 | 44% | 49% |
| Necessary to be competitive with other school choices | 6 | 38% | 31% |
| Reduced staffing | 0 | 0% | 6% |
| Repurposed other budget line items | 1 | 6% | 10% |
| School safety | 0 | 0% | 9% |
| Other | 1 | 6% | 5% |

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

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Communicate with others with email, IM or text messaging | 16 | 100% | 97% |
| Conduct Internet research | 13 | 81% | 92% |
| Create and upload videos, music or pictures | 5 | 31% | 55% |
| Create multi-media presentations | 11 | 69% | 71% |
| Listen to podcasts, watch videos or view presentations | 11 | 69% | 75% |
| Participate in professional online communities | 6 | 38% | 65% |
| Participate in webinars or video conferences | 11 | 69% | 85% |
| Read or post blog or wiki entries | 3 | 19% | 43% |
| Read text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries) | 7 | 44% | 71% |
| Share information with other administrators and staff via district portal | 7 | 44% | 61% |
| Take an online class | 5 | 31% | 40% |
| Update my profile on a social networking site (LinkedIn or Facebook) | 4 | 25% | 35% |
| Use desktop widgets | 1 | 6% | 20% |
| Use Twitter to communicate or follow others | 1 | 6% | 20% |
| None of the above | 0 | 0% | 0% |

13 Thinking about your professional use of technology, how much do you agree with this statement? I prefer to do the majority of my reading online rather than reading from a printed page of text.

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
|----------|----------------|----------------|------------|

| | | | |
|-------------------|---|-----|-----|
| Strongly agree | 1 | 6% | 16% |
| Agree | 5 | 31% | 39% |
| Disagree | 5 | 31% | 27% |
| Strongly disagree | 3 | 19% | 8% |
| No opinion | 2 | 13% | 7% |
| Not sure | 0 | 0% | 3% |

14 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, MP3 players) within class?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| We do not allow students to use their own mobile devices within class | 12 | 80% | 52% |
| Use of student owned devices is at the discretion of the building administrator | 1 | 7% | 16% |
| Use of student owned devices is at the discretion of the classroom teacher | 1 | 7% | 21% |
| We currently provide students with school owned mobile devices for use in class | 0 | 0% | 13% |
| We are currently evaluating a BYOT approach | 4 | 27% | 19% |
| We are piloting a BYOT program in one or more of our schools | 0 | 0% | 7% |
| 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% | 2% |
| We have adopted a BYOT approach and we are accommodating any student owned device on our network | 0 | 0% | 7% |
| We are not interested at this time in a BYOT approach | 0 | 0% | 6% |
| Other | 2 | 13% | 6% |

15 Regardless of your current policy, what would be some potential advantages of allowing students to use their own mobile devices within instruction?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Ability to extend learning beyond the school day | 13 | 81% | 76% |
| Catalyst for changing teacher practice in the classroom | 8 | 50% | 57% |
| Demonstrate responsiveness to student needs | 8 | 50% | 55% |
| Enhance teacher-student connectivity | 10 | 63% | 56% |
| Increased Internet access for the students | 9 | 56% | 50% |
| Increased personal ownership of the learning process by the students | 7 | 44% | 61% |
| Increased student engagement in learning | 9 | 56% | 70% |
| Provides 1:1 computing access without traditional district costs | 11 | 69% | 58% |
| Opportunity to teach students digital citizenship skills | 6 | 38% | 48% |
| Provide opportunities for informal remediation | 7 | 44% | 35% |

| | | | |
|--|---|-----|-----|
| Repurpose part of tech budget for other items | 4 | 25% | 30% |
| Responsibility for safety would be with the parents | 4 | 25% | 16% |
| I don't see any benefits to the use of student owned mobile devices within instruction | 0 | 0% | 5% |
| Other | 0 | 0% | 3% |

16 What are the most significant potential challenges associated with implementing a BYOT approach?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Ability to provide network connectivity | 11 | 73% | 49% |
| Concerns over student Internet safety and district liability | 13 | 87% | 77% |
| Concerns over students cheating using these devices | 9 | 60% | 50% |
| Costs to provide network access for the devices | 8 | 53% | 37% |
| Dealing with a mix of different devices and apps | 10 | 67% | 65% |
| Determining responsibility for device theft | 5 | 33% | 46% |
| Digital equity accommodations for students that don't have a device | 12 | 80% | 71% |
| Digital equity accommodations for students that have a device with low functionality | 6 | 40% | 52% |
| Gaining parental support and willingness to purchase devices | 5 | 33% | 41% |
| Implementing effective responsible use policies | 5 | 33% | 39% |
| Keeping up with the ever changing mix of products | 7 | 47% | 48% |
| Managing student and parent expectations for after hours access to teachers | 5 | 33% | 27% |
| Network security issues | 7 | 47% | 55% |
| Potential for increased cyber-bullying | 7 | 47% | 40% |
| Training teachers on how to effectively use the devices within instruction | 9 | 60% | 59% |
| Other | 1 | 7% | 2% |

17 More and more districts are implementing online classes where instruction and content is delivered primarily over the Internet. Who are your primary audiences (if any) for online classes in your district?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Administrators | 4 | 29% | 24% |
| At-risk students in traditional school settings | 4 | 29% | 30% |
| Classified staff | 1 | 7% | 8% |
| Classroom teachers/Paraprofessionals | 4 | 29% | 29% |
| Librarians/Media Specialists | 2 | 14% | 12% |
| Students | 11 | 79% | 43% |
| Students in continuation or alternative high schools | 8 | 57% | 36% |
| Students schooled at home | 3 | 21% | 20% |
| We are not offering online classes at this time | 0 | 0% | 22% |
| Other | 0 | 0% | 5% |

18 Some schools and districts now require students to take at least one online class as part of their education. Do you agree or disagree with this policy?

| Response | # of Responses | % of Responses | National % |
|----------------|----------------|----------------|------------|
| Strongly agree | 6 | 40% | 30% |

| | | | |
|-------------------|---|-----|-----|
| Somewhat agree | 4 | 27% | 39% |
| Somewhat disagree | 2 | 13% | 14% |
| Strongly disagree | 1 | 7% | 5% |
| No opinion | 2 | 13% | 13% |

19 Which of these factors would 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) | 14 | 100% | 83% |
| Aligned to iNACOL National Standards of Quality for Online Courses | 4 | 29% | 26% |
| Cost | 11 | 79% | 58% |
| Developed by an organization with expertise in the field | 4 | 29% | 37% |
| Developed by classroom teacher(s) or curriculum specialists | 5 | 36% | 46% |
| Developed by instructional designers | 3 | 21% | 17% |
| Developed by online curriculum company | 0 | 0% | 5% |
| Ease of use for students and teachers | 12 | 86% | 72% |
| Includes embedded assessments | 6 | 43% | 47% |
| Integrates digital content | 1 | 7% | 34% |
| Online course used by schools/districts similar to my own | 3 | 21% | 17% |
| Online course used by virtual school | 1 | 7% | 9% |
| Recommended by my colleagues | 1 | 7% | 17% |
| Recommended by professional organizations, State Department of Education or Ministry of Education | 1 | 7% | 27% |
| Student achievement results after taking the course | 7 | 50% | 66% |
| Student completion rates for the course | 5 | 36% | 47% |
| Students can use a variety of hardware/software platforms | 3 | 21% | 31% |
| Other | 0 | 0% | 2% |

20 What has been your personal involvement/interest with online or blended learning environments?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| I have taken an online class for my own professional development where the instruction and content was delivered primarily over the Internet | 9 | 64% | 65% |
| I would be interested in taking more online professional development courses | 7 | 50% | 34% |
| I have taught an online class | 3 | 21% | 14% |
| I have taken a blended online class for my own professional development where part of the instruction was face-to-face and part of it was online | 6 | 43% | 30% |
| I would be interested in taking more blended online professional development courses | 5 | 36% | 20% |
| I have taught a blended online class | 1 | 7% | 9% |
| No involvement to date | 2 | 14% | 17% |
| No interest at this time | 0 | 0% | 3% |

21 To support the Common Core Standards, the US federal government has funded the development of next generation assessments for deployment in the 2014-2015 school year. These assessments will be online. What are your school's most significant challenges to implementing online assessments with all of your students?

| Response | # of Responses | % of Responses | National % |
|---|----------------|----------------|------------|
| Ability to provide adaptive or assistive technology for some students | 4 | 31% | 35% |
| Costs to modernize infrastructure | 9 | 69% | 43% |
| Creating safeguards for the privacy of the data records | 1 | 8% | 21% |
| Determining technology infrastructure needs | 2 | 15% | 34% |
| How to prevent cheating | 2 | 15% | 21% |
| Lack of backup alternative in case of system failure | 3 | 23% | 27% |
| Limitations on testing windows | 4 | 31% | 26% |
| Limited facility space to accommodate a testing lab | 6 | 46% | 36% |
| Need to increase technology support staff | 3 | 23% | 37% |
| Need to train teachers and students | 10 | 77% | 50% |
| Not enough bandwidth | 4 | 31% | 30% |
| Not enough computers | 6 | 46% | 50% |
| Not enough time to do this by 2014-15 | 3 | 23% | 14% |
| Parents' uneasiness with online testing | 1 | 8% | 6% |
| Students' unpreparedness due to digital equity issues | 1 | 8% | 16% |
| Other | 1 | 8% | 8% |

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

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Cost savings | 5 | 38% | 51% |
| Creates rationale for improving technology infrastructure | 4 | 31% | 29% |
| Decrease in staffing | 1 | 8% | 6% |
| Environmental sensitivity | 0 | 0% | 13% |
| Greater flexibility in testing windows | 5 | 38% | 30% |
| Increased parental engagement in student achievement results | 4 | 31% | 15% |
| Increased security of test content | 1 | 8% | 18% |
| Increased student motivation or engagement | 5 | 38% | 43% |
| Prepares students for college and career assessments | 3 | 23% | 44% |
| Reduced handling of secure paper materials | 9 | 69% | 56% |
| Reduction in test administration errors | 5 | 38% | 46% |
| Reduction in time to report testing results | 8 | 62% | 65% |
| Reduction is amount of printed materials | 4 | 31% | 58% |
| Other | 2 | 15% | 3% |

23 What if you had to implement the new online assessments for all of your students this year? 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% | 4% |
| 20% | 2 | 15% | 8% |
| 33% | 0 | 0% | 9% |
| 50% | 0 | 0% | 12% |
| 66% | 1 | 8% | 7% |
| 75% | 1 | 8% | 8% |
| More than 90% | 6 | 46% | 26% |
| I have no idea | 3 | 23% | 23% |
| Other | 0 | 0% | 3% |

24

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 | 0 | 0% | 15% |
| Increases the effectiveness of our teachers through the use of technology | 0 | 0% | 8% |
| Provides a way to differentiate instruction with larger class sizes | 2 | 15% | 18% |
| Provides instruction at the "just right" level for each individual student | 8 | 62% | 31% |
| Real time reporting on student comprehension by concept back to the teacher | 2 | 15% | 13% |
| Real time reporting on student progress against standards for administrators | 1 | 8% | 11% |
| This does not sound like something that would be valuable for our district | 0 | 0% | 2% |
| Other | 0 | 0% | 2% |

25

Which of these factors would you consider most important when evaluating the quality of digital content to use in your district?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Certified by education membership associations and organizations | 3 | 23% | 32% |
| Compiled on a list by our State Department of Education or Ministry of Education | 1 | 8% | 26% |
| Content is fee-based | 0 | 0% | 4% |
| Content is free | 5 | 38% | 27% |
| It is an "Open Education Resource" | 3 | 23% | 21% |
| Learn about it on a webinar or virtual conference | 1 | 8% | 8% |
| Materials are created by practicing teachers | 7 | 54% | 33% |
| Recommended on education blogs and websites | 1 | 8% | 15% |
| Referred by a colleague | 2 | 15% | 16% |
| See a demonstration at a face to face conference | 2 | 15% | 28% |

| | | | |
|--|---|-----|-----|
| Source is a professional digital resource company or organization | 0 | 0% | 12% |
| Sources are established media/content producers (such as: NBC, Discovery, PBS) | 5 | 38% | 14% |
| Source is a content expert organization (such as: National Science Foundation, universities) | 3 | 23% | 32% |
| Student achievement with the materials | 8 | 62% | 57% |
| Teacher evaluation of the materials | 8 | 62% | 49% |
| Textbook publisher recommendations | 0 | 0% | 4% |
| Other | 0 | 0% | 3% |

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 or chat | 8 | 62% | 60% |
| Communicate with others through email, IM or text messaging | 12 | 92% | 97% |
| Contribute to a wiki (such as Wikipedia) | 2 | 15% | 19% |
| Create a list of resources I want to remember or share (such as delicious, digg, diigo, reddit) | 1 | 8% | 22% |
| Create videos to post and share with others | 2 | 15% | 24% |
| Participate in online games or 3D virtual reality environments (such as Second Life) | 1 | 8% | 13% |
| Participate in an online community around a topic that I am interested in | 8 | 62% | 35% |
| Take an online class | 8 | 62% | 48% |
| Update my social networking profile (Facebook, LinkedIn) | 6 | 46% | 60% |
| Upload or download videos, podcasts or photos to/from the Internet | 7 | 54% | 54% |
| Use Twitter to communicate or follow others | 1 | 8% | 24% |
| Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites) | 7 | 54% | 51% |
| Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop) | 4 | 31% | 36% |
| Write or contribute to a blog (my own or someone else's) | 3 | 23% | 20% |
| None of the above | 1 | 8% | 1% |
| Other | 0 | 0% | 0% |

27

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 | 0 | 0% | 14% |
| Agree | 6 | 46% | 62% |
| Disagree | 7 | 54% | 17% |
| Strongly disagree | 0 | 0% | 3% |
| No opinion | 0 | 0% | 2% |
| 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 to access the Internet anywhere at school | 11 | 85% | 72% |
| Adaptive learning software which adjusts levels of difficulty and content to address student needs | 11 | 85% | 74% |
| Chat rooms to discuss topics with students while in class | 3 | 23% | 21% |
| Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking, etc.) | 5 | 38% | 48% |
| Computer for every student to use at school (such as: laptop, netbook) | 9 | 69% | 73% |
| Digital content (such as: databases, animations, videos, etc.) | 4 | 31% | 50% |
| Digital media creation tools (such as: video, audio) | 4 | 31% | 47% |
| Digital readers (such as: Kindle, Nook) | 5 | 38% | 36% |
| Electronic portfolios for students | 5 | 38% | 53% |
| Games or virtual simulations | 1 | 8% | 22% |
| Handheld student response systems | 8 | 62% | 42% |
| High speed color printers | 1 | 8% | 16% |
| Instant messaging and text messaging tools | 1 | 8% | 19% |
| Interactive whiteboards (such as Smartboard, Polyvision) | 4 | 31% | 57% |
| Learning management systems (such as: Blackboard, Moodle, Angel) | 4 | 31% | 48% |
| Mobile devices such as smartphones and MP3 players | 3 | 23% | 27% |
| Online classes | 6 | 46% | 52% |
| Online textbooks | 10 | 77% | 62% |
| Online tutors | 7 | 54% | 44% |
| Providing students the ability to use their own mobile devices | 5 | 38% | 40% |
| School portal or website | 3 | 23% | 39% |
| Tablet computer (such as iPad) | 7 | 54% | 50% |
| Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes) | 5 | 38% | 51% |
| Video conferences or webinars | 4 | 31% | 38% |
| Virtual or online whiteboard | 3 | 23% | 24% |
| Virtual reality games or environments | 2 | 15% | 12% |
| Other | 0 | 0% | 1% |

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

| Response | # of Responses | % of Responses | National % |
|----------|----------------|----------------|------------|
| 3-Jan | 2 | 15% | 12% |
| 10-Apr | 3 | 23% | 34% |
| 15-Nov | 2 | 15% | 21% |
| 16+ | 6 | 46% | 33% |

30 What is your race or cultural identity?

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| American Indian/Alaskan Native | 0 | 0% | 1% |
| Aboriginal (First Nations, Metis, Inuit) | 0 | 0% | 0% |
| Non-aboriginal | 0 | 0% | 0% |
| Asian | 0 | 0% | 0% |
| Black/African-American | 0 | 0% | 4% |
| Decline to state | 0 | 0% | 0% |
| Caucasian/White (non-Hispanic) | 9 | 64% | 78% |
| Hispanic/Latino | 1 | 7% | 4% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% | 1% |
| Decline to state | 0 | 0% | 5% |
| Other | 1 | 7% | 1% |

31 Highest level of educational attainment

| Response | # of Responses | % of Responses | National % |
|--|----------------|----------------|------------|
| Bachelor's degree | 1 | 7% | 15% |
| Master's degree in education | 9 | 64% | 41% |
| Master's degree other than education | 1 | 7% | 11% |
| Teaching certificate - elementary/multiple subject | 0 | 0% | 1% |
| Teaching certificate - single subject | 0 | 0% | 1% |
| Doctorate degree (EdD, PhD) | 0 | 0% | 16% |
| Other | 3 | 21% | 15% |

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

| Response | # of Responses | % of Responses | National % |
|-------------------|----------------|----------------|------------|
| AASA | 3 | 25% | 12% |
| CoSN | 0 | 0% | 10% |
| ISTE | 1 | 8% | 23% |
| NAESP | 2 | 17% | 5% |
| NASSP | 1 | 8% | 7% |
| None of the above | 6 | 50% | 58% |