Speak Up: Surveys Taken By Districts in MI

District	K-2	G3-5	G6-8	G9-12	Student Totals	Teachers	Librarians	Parents	Admin	Tech Leaders
4461-Unknown	0	0	0	1	1	0	0	0	1	0
4570-Unknown	0	0	3	123	126	22	1	3	1	2
9446-Unknown	0	0	118	1	119	19	1	1	3	0
9547-Unknown	0	0	0	0	0	1	0	0	0	0
554-ANN ARBOR PUBLIC SCHOOLS	3	37	3	6	49	71	4	875	7	0
8719-BATTLE CREEK PUBLIC SCHOOLS	51	54	0	0	105	2	0	0	1	0
9545-BIG RAPIDS PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0
5905-BIRMINGHAM CITY SCHOOL DISTRICT	0	2	4	0	6	20	2	130	2	0
9502-Chandler Woods Academy	0	0	0	0	0	1	0	0	0	0
8677-CONCORD ACADEMY - PETOSKEY	0	0	0	0	0	0	0	0	1	0
562-DETROIT CITY SCHOOL DISTRICT	0	128	1	0	129	4	0	1	0	0
563-DEXTER COMMUNITY SCHOOL DISTRICT	0	1	0	0	1	0	0	0	0	0
8756-GRANDVILLE PUBLIC SCHOOLS	0	0	715	4	719	2	0	1	0	0
9558-HOPKINS PUBLIC SCHOOLS	0	0	0	0	0	1	0	0	0	0
8825-KALAMAZOO PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0
582-KENT ISD	0	0	0	132	132	12	0	1	0	0

8834-Lake Orion Community Schools	0	0	0	0	0	1	0	0	0	0
570-MENOMINEE AREA PUBLIC SCHOOLS	0	0	0	0	0	0	0	3	1	0
4614-MONA SHORES PUBLIC SCHOOL DISTRICT	1	457	25	170	653	1	0	2	0	1
8646-NORTHWEST COMMUNITY SCHOOLS	1	2	0	0	3	20	3	9	4	1
8805-Olivet Community Schools	0	0	0	0	0	1	0	0	0	0
8371-ONSTED COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0
9560-PARAMOUNT CHARTER ACADEMY	0	0	0	0	0	1	0	0	0	0
8620-PONTIAC CITY SCHOOL DISTRICT	0	0	0	0	0	0	0	1	0	0
8619-ROCHESTER COMMUNITY SCHOOL DISTRICT	0	2	22	72	96	12	5	285	2	2
8362-ROMULUS COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0
8379-SOUTH HAVEN PUBLIC SCHOOLS	0	0	78	0	78	1	0	0	0	0
4613-SOUTHGATE COMMUNITY SCHOOL DISTRICT	0	0	0	0	0	0	0	1	0	0
8622-WALLED LAKE CONSOLIDATED SCHOOLS	0	0	0	0	0	1	0	0	0	0
8670-WEST OTTAWA PUBLIC SCHOOL DISTRICT	0	0	0	0	0	1	0	0	0	0
9556-Western Michigan University	0	0	0	0	0	1	0	0	0	0
8624-Western School District	0	0	0	1	1	18	0	35	1	2

9286-WILLOW RUN COMMUNITY SCHOOLS	0	0	0	0	0	1	0	0	0	0
Totals:	**56**	**683**	**969**	**510**	**2,218**	**218**	**16**	**1,348**	**24**	**8**

State: MI

Results based on 22 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	0	0%	1%
Kindergarten	0	0%	6%
Grade 1	1	5%	18%
Grade 2	18	95%	76%

2 **Are you a…**

Response	# of Responses	% of Responses	National %
Girl	10	56%	50%
Boy	8	44%	50%

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

Response	# of Responses	% of Responses	National %
Know more than other students about technology	3	17%	30%
Know about the same as other students about technology	12	67%	49%
Know less than other students about technology	3	17%	21%

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

Response	# of Responses	% of Responses	National %
Cell phone (no Internet)	4	22%	21%
Smartphone or cell phone (with the Internet like an Blackberry, Droid, or iPhone)	4	22%	16%
Desktop computer	9	50%	36%
Laptop computer	5	28%	37%
Netbook or mini-notebook computer	1	6%	10%
Tablet PC (such as iPad)	1	6%	10%
Digital Reader (such as: Kindle, Sony Digital)	0	0%	6%
MP3 player or iPod	7	39%	37%
Video Game Player like xBox, Nintendo or Wii	10	56%	58%
Hand-held game like Nintendo DS, GameBoy or Leapfrog	5	28%	48%
Other	1	6%	16%

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

Response	# of Responses	% of Responses	National %
A home computer with no Internet	0	0%	9%
A home computer with slow Internet	1	6%	23%
A home computer with fast Internet	8	44%	46%
I only use the computer at a library or in my after school program	3	17%	4%
I only use the computer at my school	6	33%	18%

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

Response	# of Responses	% of Responses	National %
Every day	2	11%	26%
Sometimes	9	50%	53%
Once in awhile	5	28%	14%
Never	0	0%	2%
I don't know	2	11%	5%

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

Response	# of Responses	% of Responses	National %
Check on my grades	1	6%	19%
Complete assignments	3	17%	27%
Create a PowerPoint or a video	4	22%	23%
Do science experiments	5	28%	14%
Email, IM or text message my friends	2	11%	9%
Email, IM or text message my teacher	1	6%	6%
Learn how to type on the computer	6	33%	47%
Listen to books being read out loud	3	17%	36%
Play learning games	6	33%	64%
Practice my math	3	17%	53%
Practice my writing	3	17%	34%
Send my homework to my teacher	2	11%	8%
Take tests	4	22%	47%
Use the Internet to learn about things	1	6%	37%
Watch videos about science	1	6%	31%
None of the above	1	6%	5%

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	0	0%	11%
Do art projects	5	28%	26%

Download or listen to music	1	6%	33%
Go to websites for TV shows or sports	2	11%	30%
Go to websites to learn about things	0	0%	32%
Play in virtual worlds like Webkinz, Club Penguin or Whyville	4	22%	38%
Play video or online games	2	11%	55%
Send E-mails or Instant Messages	0	0%	13%
Share photos	2	11%	16%
Update my profile on websites like Webkinz, Club Penguin, or Whyville	2	11%	18%
Watch videos	2	11%	42%
Write for a blog (like a journal)	2	11%	10%
I don't use the Internet outside of school	4	22%	12%
None of the above	3	17%	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	1	6%	15%
From my parents	8	44%	67%
From my teacher	8	44%	58%
Learn on my own just by using computers	0	0%	14%
Take a class after school (YMCA, Boys & Girls Club, Scouts)	1	6%	13%
Take a special class at my school	0	0%	15%
Take an online class	1	6%	9%
Use computers in my class	0	0%	21%
Watch videos about it	1	6%	20%
I don't know	3	17%	10%

10 **You have an assignment to write a report. What is the first thing you would do? (select one)**

Response	# of Responses	% of Responses	National %
Ask a friend for help	2	11%	12%
Ask my teacher, family member or librarian for help	7	39%	34%
Check my teacher's webpage for a list of resources	1	6%	2%
Enter my topic in a search engine (e.g. Google, Bing, Yahoo etc)	0	0%	5%
Find a book in the library	1	6%	10%
Go to a website I already know	3	17%	3%
Go to the websites my teacher suggests	2	11%	4%
Go to Wikipedia	0	0%	1%
Look in my textbook	0	0%	2%

Search the online resource portal at my school	0	0%	1%
Visit a website focused on the topic I am researching. (such as: NASA, National Geographic Society, White House)	0	0%	2%
Visit newspaper, magazine, or news websites	0	0%	1%
I don't know - I have never done this before	2	11%	23%

11 What would make learning science more interesting for you? (check all that apply)

Response	# of Responses	% of Responses	National %
Do experiments in a virtual lab	7	39%	38%
Do a science project in my neighborhood	6	33%	33%
Go on a virtual field trip to a zoo or aquarium	7	39%	43%
My teacher likes science	6	33%	28%
Play games that use science	5	28%	50%
Read my science textbook	1	6%	22%
See a video about the topic	1	6%	35%
Take an online class from a teacher that likes science	1	6%	17%
Talk to a scientist through a camera in the computer	2	11%	23%
Use animations	0	0%	17%
Use real science lab tools to do experiments	2	11%	32%
None of the above	0	0%	9%

12 How would you use a cell phone or MP3 players (iPod) for schoolwork? (Check all that apply)

Response	# of Responses	% of Responses	National %
Check my grades	6	33%	31%
Do research on the Internet	1	6%	29%
Email, IM or text message my classmates	1	6%	18%
Email, IM or text message my teacher	0	0%	14%
Help others in my class	4	22%	32%
Make a video or podcast	3	17%	21%
Play learning games	3	17%	48%
Read books online	3	17%	32%
Send my homework to my teacher	1	6%	20%
Use the Internet to learn about something	1	6%	29%
Translate a word	1	6%	15%
None of the above	2	11%	20%

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	7	41%	48%
Cell phones or smartphones to use at school	3	18%	43%
Document camera (called an ELMO)	5	29%	39%
Email, instant messaging and text messaging	2	12%	32%
Interactive whiteboards (such as: Smartboard, Polyvision)	5	29%	45%
Laptop computer for every student	2	12%	56%
MP3 players or iPods	3	18%	50%
Online, computer and video games	6	35%	51%
Online classes	3	18%	34%
Online textbooks	0	0%	34%
Projectors for the computers	1	6%	42%
School website or portal	0	0%	37%
Simulations	0	0%	21%
Tablet PC (such as iPad) for each student	1	6%	36%
Tools to create podcasts or videos	0	0%	34%
Tools to help me organize my schoolwork	1	6%	38%
Tools to work with others (such as: blogs, wikis, GOOGLE Docs, etc)	1	6%	31%
Other	2	12%	20%

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

Response	# of Responses	% of Responses	National %
I am bored	0	0%	24%
I am safe on the Internet	5	28%	49%
I do not feel safe at school	1	6%	11%
I do well in school	7	39%	68%
I don’t like school	2	11%	17%
I feel safe at school	10	56%	61%
I have adults I can talk to	6	33%	53%
I have problems in school	4	22%	23%
I like what I'm learning in school	6	33%	61%
I want to work hard	5	28%	58%
My parents ask me about school	7	39%	59%
My school cares about me	10	56%	61%

15 **Imagine you have the job of designing a new cell phone game to help students learn. What would your game do? How would it help you learn? Be creative!**

Note:You can print your school or district open-ended responses from the survey print screen. If

State: MI

Results based on 34 survey(s).

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

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

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

Response	# of Responses	% of Responses	National %
Preschool		0%	1%
Kindergarten		0%	20%
Grade 1	32	94%	25%
Grade 2	2	6%	26%

2 Are you a… (one response per student)

Response	# of Responses	% of Responses	National %
Girl	16	47%	36%
Boy	18	53%	38%

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

Response	# of Responses	% of Responses	National %
Know more than other students about technology	7	21%	26%
Know about the same as other students about technology	19	56%	27%
Know less than other students about technology	8	24%	16%

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

Response	# of Responses	% of Responses	National %
Cell Phone (no Internet access)	6	18%	15%
Smartphone or cell phone (with the Internet like an iPhone, Droid or Blackberry)	6	18%	9%
Desktop computer	24	71%	37%
Laptop computer	17	50%	29%
Netbook or mini-notebook computer	0	0%	5%
Tablet PC (such as iPad)	0	0%	6%
Digital reader (such as: Kindle, Sony Digital)	0	0%	4%
MP3 player or iPod	17	50%	34%

Video Game, like xBox, Nintendo or Wii	24	71%	55%
Hand-held game, like a Nintendo DS, GameBoy or Leapfrog	20	59%	48%
Other	0	0%	2%

5 **What kind of computer do you use outside of school? (one response per student)**

Response	# of Responses	% of Responses	National %
A home computer with no Internet	6	18%	8%
A home computer with slow Internet	3	9%	14%
A home computer with fast Internet	24	71%	34%
I only use the Internet at the library or an afterschool program	1	3%	4%
I only use a computer at my school	0	0%	11%

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

Response	# of Responses	% of Responses	National %
Every day	2	6%	24%
Sometimes	31	91%	40%
Once in a while	1	3%	6%
Never	0	0%	1%
I don't know	0	0%	1%

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

Response	# of Responses	% of Responses	National %
Check on my grades	0	0%	5%
Complete assignments	0	0%	17%
Create a PowerPoint or a video	4	12%	7%
Do science experiments	6	18%	7%
Email, IM or text message my friends	2	6%	6%
Email, IM or text message my teacher	0	0%	3%
Learn how to type on the computer	32	94%	41%
Listen to books being read out loud	9	26%	34%
Play learning games	34	100%	58%
Practice my math	1	3%	47%
Practice my writing	4	12%	25%
Send my homework to my teacher	0	0%	2%
Take tests	0	0%	30%
Use the Internet to learn about things	32	94%	37%
Watch videos about science	16	47%	33%
None of the above		0%	2%

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

Response	# of Responses	% of Responses	National %
Create a list of websites I want to share with others	2	6%	3%
Do art projects	20	59%	17%
Download or listen to music	19	56%	27%
Go to websites for TV shows or sports	17	50%	21%
Go to websites to learn about things	12	35%	23%
Play in virtual worlds like Webkinz, Club Penguin or Whyville	8	24%	25%
Play video or online games	18	53%	42%
Send emails or instant messages	5	15%	9%
Share photos	0	0%	10%
Update my profile on websites like Webkinz, Club Penguin, or Whyville	6	18%	11%
Watch videos	15	44%	32%
Write for a blog (like a journal)	0	0%	2%
I don't use the Internet outside of school	1	3%	7%
None of the above		0%	2%

9 What is the best way for you to learn about being safe on the Internet? (student may answer more than once)

Response	# of Responses	% of Responses	National %
From my friends	4	12%	9%
From my parents	27	79%	44%
From my teacher	20	59%	44%
Learn on my own just by using computers	0	0%	8%
Take a class afterschool (YMCA, Boys & Girls Club, Scouts)	0	0%	7%
Take a special class at my school	0	0%	12%
Take an online class	0	0%	3%
Use computers in my class	5	15%	19%
Watch videos about it	3	9%	18%
I don't know		0%	4%

10 You have an assignment to write a report. What is the first thing you would do? (one response per student)

Response	# of Responses	% of Responses	National %
Ask a friend for help		0%	5%
Ask my teacher, family member or librarian for help	1	3%	27%
Check my teacher's webpage for a list of resources		0%	2%
Enter my topic in a search engine (such as: Google, Bing, Yahoo, etc)		0%	6%

Find a book in the library		0%	11%
Go to a website I already know		0%	6%
Go to the websites my teacher suggests		0%	8%
Go to Wikipedia		0%	1%
Look in my textbook		0%	4%
Search the online resource portal at my school		0%	2%
Visit a website focused on the topic I am researching (such as: NASA, National Geographic, White House)		0%	3%
Visit newspaper, magazine or news websites		0%	2%
I don't know - I have never done this before	17	50%	21%

11 What would make learning science more interesting for you? (student may answer more than once)

Response	# of Responses	% of Responses	National %
Do experiments in a virtual lab	15	44%	21%
Do a science project in my neighborhood	12	35%	15%
Go on a virtual field trip to a zoo or aquarium	26	76%	32%
My teacher likes science	32	94%	28%
Play games that use science	13	38%	34%
Read my science book	14	41%	17%
See a video about the topic	25	74%	31%
Take an online class from a teacher that likes science	0	0%	7%
Talk to a scientist through a camera in the computer	22	65%	18%
Use animations	5	15%	16%
Use real science lab tools to do experiments	29	85%	30%
None of the above		0%	3%

12 How would you use a cell phone or MP3 players (iPod) for schoolwork? (student may answer more than once)

Response	# of Responses	% of Responses	National %
Check my grades		0%	7%
Do research on the Internet		0%	10%
Email, IM or text message my classmates		0%	11%
Email, IM or text message my teacher		0%	9%
Help others in my class		0%	13%
Make a video or podcast		0%	10%
Play learning games		0%	27%
Read books online		0%	16%
Send my homework to my teacher		0%	8%
Use the Internet to learn about something		0%	15%
Translate a word		0%	7%
None of the above	2	6%	14%

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

Response	# of Responses	% of Responses	National %
Ability to use the Internet anywhere at school	17	50%	39%
Cell phones or smartphones to use at school	27	79%	32%
Document camera (called an ELMO)	24	71%	31%
Email, instant messaging and text messaging	6	18%	23%
Interactive whiteboards (such as: Smartboard, Polyvision)	34	100%	38%
Laptop for every student	32	94%	50%
MP3 players or iPods	32	94%	41%
Online, computer and video games	30	88%	45%
Online classes	0	0%	15%
Online textbooks	0	0%	19%
Projectors for the computers	22	65%	33%
School website or portal	3	9%	25%
Simulations	8	24%	11%
Tablet PC (such as: iPad)for each student	29	85%	28%
Tools to create podcasts or videos	11	32%	20%
Tools to help me organize my schoolwork	2	6%	19%
Tools to work with others (blogs, wikis, GOOGLE Docs, etc)	1	3%	14%
Other		0%	2%

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

Response	# of Responses	% of Responses	National %
I am bored	11	32%	18%
I am safe on the Internet	20	59%	36%
I do not feel safe at school	6	18%	7%
I do not like school	12	35%	12%
I do well in school	31	91%	51%
I feel safe at school	26	76%	51%
I have adults I can talk to	22	65%	48%
I have problems in school	10	29%	13%
I like what I'm learning in school	28	82%	48%
I want to work hard	29	85%	48%
My parents ask me about school	31	91%	49%
My school cares about me	31	91%	52%

15 **Imagine you have the job of designing a new cell phone game to help students learn. What would your game do? How would it help you learn? Be creative!**

Note:You can print your school or district open-ended responses from the survey print screen. If

State: MI

Results based on 683 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 %
Girl	327	50%	49%
Boy	326	50%	51%

2 **Thinking about the other students in your class, do you…**

Response	# of Responses	% of Responses	National %
Know more than other students about technology	154	24%	23%
Know about the same as other students about technology	416	65%	60%
Know less than other students about technology	72	11%	17%

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

Response	# of Responses	% of Responses	National %
Cell Phone (without Internet access)	185	28%	29%
Smartphone or cell phone (with Internet access, such as: Blackberry, Droid, iPhone)	126	19%	19%
Digital Reader (such as: Kindle, Sony Digital)	40	6%	6%
Desktop computer	254	39%	39%
Laptop computer	245	37%	42%
Netbook or mini-notebook computer	69	11%	9%
Tablet PC (such as: iPad)	49	7%	8%
MP3 player or iPod	374	57%	55%
Video game player like Xbox, Nintendo or Wii	436	67%	69%
Hand-held game like Nintendo DS or GameBoy	390	60%	61%
Other	155	24%	24%

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

Response	# of Responses	% of Responses	National %
Yes, but it does not have the Internet	56	9%	10%
Yes, and it has slow Internet (dial-up)	161	25%	25%
Yes, and it has fast Internet (such as: DSL, cable, Broadband)	369	57%	55%
No, I only use the Internet at the library or my afterschool program	16	2%	2%
No, I only use a computer or the Internet at school	41	6%	7%

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

Response	# of Responses	% of Responses	National %
Every day	36	6%	14%
A couple of days a week	424	68%	56%
A couple of days a month	88	14%	15%
Never	8	1%	1%
I don't know	72	11%	13%

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

Response	# of Responses	% of Responses	National %
Check on my grades	200	32%	30%
Complete assignments	331	53%	46%
Create a Powerpoint or video	218	35%	31%
Do online experiments for science	87	14%	15%
Email, IM or text message my teacher	104	17%	9%
Email, IM or text message other students	135	22%	13%
Get help from an online tutor	27	4%	5%
Listen to a podcast for class	45	7%	7%
Play educational games	300	48%	56%
Post to blogs or wikis (like a journal)	26	4%	8%
Practice my writing	158	25%	28%
Practice math problems	222	36%	46%
Take a class online	31	5%	5%
Take tests online	240	39%	35%
Upload assignments to school portal	24	4%	4%
Use online textbooks	34	5%	12%
Use the Internet for research	240	39%	47%
Watch videos for science	124	20%	30%
Work on projects with students in other countries	33	5%	5%
None of the above	53	9%	6%

7 **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	199	33%	41%
I am unable to access the Internet	36	6%	7%
I cannot access my personal email account	60	10%	13%
I cannot email or IM to classmates	52	9%	14%
I cannot use my own laptop	74	12%	17%
I cannot use my own cell phone, smart phone or MP3 player	103	17%	22%
I do not know how to use them	20	3%	3%
Internet is not fast enough	51	8%	12%

My teachers do not know how to use them	20	3%	2%
My school blocks websites I need	87	14%	15%
Software is not good enough	17	3%	5%
None of the above	179	30%	25%
Other	89	15%	15%

8 **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	154	26%	29%
Let me access the websites I need	178	30%	34%
Let me recharge my devices at school	54	9%	13%
Let me get to my schoolwork online from home	151	25%	29%
Let me use my own cell phone, smartphone or MP3 player	110	18%	25%
Let me use my own computer at school	99	17%	24%
Let me work with an online tutor	35	6%	9%
Make it easy to get to the Internet	122	20%	27%
Provide me a laptop or other mobile device that I can use at school	84	14%	27%
Provide tools for me to communicate with my teacher(s) at anytime	54	9%	17%
Provide tools for me to organize my work	79	13%	22%
Provide tools so I can email, IM or text my classmates	57	10%	17%
Provide tools to make it easy to work with each other at school	44	7%	18%
Nothing - I like the way things are	155	26%	21%
Other	55	9%	9%

9 **Which of these information and media literacy skills do you think are most important?**

Response	# of Responses	% of Responses	National %
Ability to identify information I need, and how to find it	252	44%	50%
Ability to organize information	168	29%	36%
Ability to research a topic	203	35%	45%
Create a podcast or video to share my research	88	15%	22%
Know how to analyze and interpret stories, commercials, and in the media (TV, magazines, newspapers, blogs etc)	89	15%	20%
Know how to detect bias, censorship or propaganda in resources	55	10%	11%
Know how to evaluate the credibility of a resource	55	10%	14%

Know how to summarize research	127	22%	31%
Know how to use technology and digital content responsibility	133	23%	28%
Know how to write a report about my research	156	27%	36%
None of the above	102	18%	13%
Other	50	9%	6%

10 **If you were allowed to use mobile devices (such as: cell phones, smartphones, MP3 players) at school, how would you use them?**

Response	# of Responses	% of Responses	National %
Check my grades	250	43%	46%
Create a video or podcast in my class	98	17%	24%
Find out about things going on at school	189	33%	41%
Go to my teacher's website or school portal	84	15%	23%
Email, IM or text message my classmates	156	27%	30%
Email, IM or text message my teacher	87	15%	18%
Help other students in my class	191	33%	44%
Learn about activities at school	181	31%	40%
Play educational games	224	39%	52%
Read books online	230	40%	46%
Record a lesson so I can listen to it later	157	27%	37%
Receive reminders and alerts	122	21%	30%
Take notes in class	222	38%	51%
Use the calendar	159	28%	37%
Use the Internet for research	229	40%	51%
Use a language translator	77	13%	23%
Work on projects with my classmates	163	28%	42%

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

Response	# of Responses	% of Responses	National %
Yes	161	28%	30%
No	170	29%	23%
Maybe	129	22%	24%
Not sure	77	13%	15%
I don't know what that is	42	7%	7%

12 **Pretend that you could have a new kind of textbook that will be 100% online. What features would you like to have in that new online textbook? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Activities for extra credit	273	50%	58%
Animations	151	28%	36%
Be able to create videos or podcasts	173	32%	39%

Be able to download information to my cell phone	168	31%	37%
Be able to search through textbook	187	34%	46%
Be able to share information with other students	168	31%	44%
Be able to take notes	253	46%	57%
Be able to talk to experts through video conferences or webinars	106	19%	27%
Brain teasers and advanced topics to extend my learning	169	31%	39%
Calculator	250	46%	51%
Email, IM or text other students	141	26%	28%
Games to explore ideas I'm learning	209	38%	53%
Links to websites (like NASA, GOOGLE Earth, etc.)	172	32%	42%
Podcasts from subject experts	71	13%	19%
PowerPoint presentations from my teacher	146	27%	33%
Quizzes and pre-tests	210	38%	46%
Tools to help me get organized	144	26%	37%
Tools to help me learn to write	88	16%	26%
Tutors that help me online	62	11%	19%
Videos about the topic I'm studying	155	28%	42%
Virtual reader that would read the text aloud	108	20%	27%
Other	56	10%	9%

13 **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	105	18%	21%
Do art projects	171	30%	34%
Do Internet research on things that interest me	209	37%	47%
Download or listen to music	225	39%	47%
Go to websites for TV shows or sports	187	33%	40%
Go to websites to learn about things	150	26%	37%
Play in virtual worlds like Webkinz, Club Penguin or Whyville	218	38%	42%
Play video or online games	272	48%	58%
Send E-mails or Instant Messages	156	27%	27%
Share photos	105	18%	26%
Talk to others through the Internet	148	26%	32%
Update my profile on websites like Webkinz, Club Penguin, or Whyville	113	20%	24%
Watch videos	230	40%	50%
Write for a blog (like a journal, etc.)	66	12%	15%
I don't use the Internet outside of school	35	6%	6%
None of the above	44	8%	5%

14 **What is the best way for you to learn about digital citizenship or how to be safe on the Internet?**

Response	# of Responses	% of Responses	National %
From my friends	126	23%	24%
From my parents	334	61%	72%
From my teacher	354	65%	63%
Learn on my own just by using technology	104	19%	22%
Learn through a special class at my school	98	18%	24%
Listen to podcasts or watch videos	78	14%	21%
Take a class after school or through my clubs (YMCA, Boys & Girls Club, Scouts)	73	13%	17%
Take an online class	60	11%	16%
Use technology as part of my regular classes	87	16%	18%
Other	40	7%	8%

15 **You have a homework assignment to write a report. What is the first thing you would do? (select one)**

Response	# of Responses	% of Responses	National %
Ask a friend for help	66	13%	9%
Ask my teacher, family member or librarian for help	123	24%	24%
Check my teacher's webpage for a list of resources	29	6%	5%
Enter my topic in a search engine (e.g. Google, Bing, Yahoo etc)	61	12%	14%
Find a book in the library	62	12%	12%
Go to a website I already know	26	5%	4%
Go to the websites my teacher suggests	44	8%	10%
Go to Wikipedia	26	5%	4%
Look in my textbook	29	6%	6%
Visit newspaper, magazine, or news websites	5	1%	1%
Search the online resource portal at my school	6	1%	2%
Visit a website focused on the topic I researching. (such as: NASA, National Geographic Society, White House)	11	2%	5%
Other	31	6%	5%

16 **When you grow up, would you like a job in a science, engineering or computer field?**

Response	# of Responses	% of Responses	National %
No, those sound too hard	39	8%	6%
No, I like other things better	129	25%	23%
No, my parents say that other jobs are better	16	3%	3%
Maybe, I would like to know more about them	72	14%	14%
Yes, I am a little interested in a job like that	49	10%	10%
Yes, I am very interested in a job like that	62	12%	14%
No, I'm interested in other jobs	102	20%	23%

Other	39	8%	6%

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

Response	# of Responses	% of Responses	National %
Attend a summer camp	110	23%	23%
Attend an after school program	105	22%	27%
Find information on a website	158	33%	41%
Join a science competition (for example, a science fair)	76	16%	19%
Let career professionals teach lessons at school	83	17%	25%
Meet career professionals through a webcam	55	12%	17%
Play an online game where I am working in the career	135	28%	37%
Podcasts or videos about the careers	54	11%	18%
Take a virtual tour of company	60	13%	19%
Take an online class	74	16%	21%
Use a mobile application to explore careers	43	9%	15%
Use the same tools in my classroom that adults use at work	48	10%	15%
Other	59	12%	12%

18 What would make learning science more interesting for you? (check all that apply)

Response	# of Responses	% of Responses	National %
Chatting online with scientists	151	32%	35%
Collecting data in my neighborhood for a scientist	78	17%	22%
Conducting virtual experiments	113	24%	37%
Creating videos or podcasts about what I'm learning in science	66	14%	26%
Creating videos showing where I see science in my world	72	15%	24%
Exploring science in a virtual world	102	22%	32%
Exploring science in 3D	196	42%	55%
Playing games that use science	166	35%	50%
Learning from a teacher who is excited about science	74	16%	31%
Taking a virtual field trip to a museum, zoo aquarium or observatory	119	25%	41%
Taking an online class taught by science experts	56	12%	20%
Talking to scientists via a webcam	44	9%	17%
Using animations to explain ideas	55	12%	20%
Using science videos to explain a topic	65	14%	24%
Using technology to collect and analyze data	51	11%	18%
Using the Internet to research a topic	80	17%	28%
Other	51	11%	9%

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	263	54%	64%
I am doing well in school	282	58%	64%
I am having problems with my school work	68	14%	18%
I do not feel safe at school	36	7%	8%
I feel I am prepared to do well in school	205	42%	53%
I feel safe at school	214	44%	58%
I know how to be safe when using the Internet	220	45%	54%
I like what I'm learning in school	184	38%	51%
I think my school cares about me	175	36%	48%
I want to work hard	179	37%	54%
I wish my classes were more interesting	116	24%	28%
My grades don't match what I know	33	7%	13%
My parents are very involved in my education	133	27%	39%
Teachers or my parents want me to do well in school	178	37%	54%
There is at least one adult at school that I can talk to about problems	122	25%	34%
I don’t like school	55	11%	12%

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	212	50%	58%
Document camera (such as: ELMO)	137	32%	38%
Handheld devices for students to answer questions (clickers)	171	40%	53%
Interactive whiteboards (such as Smartboard, Polyvision)	163	38%	54%
Mobile computer for every student (such as: laptop, mini-notebook)	182	43%	56%
Mobile devices (e.g. cell phones, MP3 players, iPods)	124	29%	44%
Online Classes	138	32%	42%
Online, computer or video games	155	36%	50%
Online textbooks	137	32%	48%
Projectors for computers	127	30%	46%
School website or portal	119	28%	40%
Simulations	60	14%	21%
Tablet PC (such as: iPad)	104	24%	39%
Tools to communicate with others (Email, IM or text messaging)	112	26%	35%

Tools to create podcasts or videos	87	20%	35%
Tools to help me organize my schoolwork	145	34%	49%
Tools to work with others (like blogs, wikis, GOOGLE Docs, etc)	127	30%	40%
Do webinars or video conferences with people outside of the school	66	16%	25%
Other	58	14%	11%

Imagine you have the job of designing a new cell phone game to help students learn. What would your game do? How would it help you learn? Be creative!

Note:You can print your school or district open-ended responses from the survey print screen. If

State: MI

Results based on 969 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	504	52%	36%
Grade 7	375	39%	32%
Grade 8	83	9%	32%

2 Gender

Response	# of Responses	% of Responses	National %
Girl/Female	469	49%	50%
Boy/Male	492	51%	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	197	21%	23%
An average tech user – the same as most of the students at my school	695	73%	71%
A beginner – below the skills of most of the students at my school	61	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)	443	46%	50%
Smartphone or cell phone (with Internet access, such as: Blackberry, Droid, iPhone)	250	26%	33%
Laptop	596	62%	60%
Desktop computer	651	68%	65%
Netbook or mini-notebook computer	114	12%	14%
Tablet computer (such as iPad)	135	14%	13%
Digital reader (such as: Kindle, Sony Digital Reader)	86	9%	10%
Music or video device (such as: MP3 player, iPod or iPod Touch)	778	81%	78%
Handheld digital video camcorder (such as: Flip Camera)	384	40%	37%
Video Gaming System (such as: Xbox, Playstation, Wii)	809	84%	77%

Hand-held game (such as: a GameBoy, Nintendo DS)	698	73%	64%
Other	266	28%	26%

5 What kind of computer or Internet access do you have outside of school? (select one)

Response	# of Responses	% of Responses	National %
A home computer with no Internet access	37	4%	5%
A home computer with dialup or slow Internet access	123	13%	14%
A home computer with fast Internet access (such as: DSL, Broadband, or cable)	746	78%	72%
Outside of school, I only use computers and the Internet at a location other than my home (such as: the public library, after school program or commun	34	4%	5%
My only access to computers or the Internet is at school	19	2%	4%

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)	669	72%	63%
Complete writing assignments	722	78%	73%
Communicate with other students (via email, IM, text or chat)	440	48%	48%
Communicate with teachers (via email, IM, text or chat)	265	29%	27%
Conduct Internet research	672	73%	71%
Conduct virtual experiments or simulations	168	18%	21%
Create slide shows, videos or web pages for an assignment	536	58%	59%
Get help from an online tutor	49	5%	8%
Listen to a podcast for a class	83	9%	11%
Participate in online communities	56	6%	9%
Participate in videoconferences	48	5%	7%
Participate in 3D virtual reality worlds (such as: Second Life, Whyville)	59	6%	10%
Play educational games	451	49%	47%
Post to blogs or wikis	182	20%	15%
Take an online class	36	4%	7%
Take tests online	222	24%	35%
Turn in papers for plagiarism check (such as: TurnItIn)	48	5%	7%
Upload assignments and homework to school portal	220	24%	22%

Use my profile (MySpace, Facebook) to collaborate with classmates on a project	277	30%	33%
Use online textbooks or other online curriculum	361	39%	27%
Use Twitter to communicate or follow others	35	4%	7%
Work on projects with students in other countries	41	4%	6%
None of the above	39	4%	5%

7 **In which of your classes is technology regularly used to enhance or increase your learning?**

Response	# of Responses	% of Responses	National %
English/Language Arts	157	17%	25%
Math	139	15%	22%
Science	83	9%	23%
Foreign languages	16	2%	3%
Social Studies/History	129	14%	19%
Art	11	1%	3%
Music	12	1%	4%
Health	5	1%	2%
Career Technical Education	82	9%	9%
Physical Education	7	1%	2%
Technology is not used regularly in any of my classes to enhance or increase my learning.	94	10%	10%
Other	179	20%	13%

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 the Internet	82	9%	12%
Cannot access my personal email account or send email or IM to classmates	281	31%	31%
Cannot use my own laptop in school	302	34%	35%
Cannot use my own cell phone, smartphone or MP3 player	438	49%	53%
I don't have the skills I need	41	5%	6%
My assignments don't require using technology	175	19%	16%
My school has different computers or software than I am used to	137	15%	18%
Not enough computers or they don't often work	86	10%	19%
Software is not good enough	86	10%	13%
Teachers don't know how to use the technology	36	4%	8%
Teachers limit our technology use	275	31%	32%
The Internet is too slow	161	18%	24%
There are rules against using technology at my school	239	27%	27%

Websites that I need are blocked (through school filters or firewalls)	480	53%	44%
There are no obstacles to using technology at my school	87	10%	9%
Not a big deal. I rarely use the technology at my school	112	12%	13%
Other	82	9%	9%

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

Response	# of Responses	% of Responses	National %
Allow greater access to the websites I need	609	68%	62%
Let me access the school network from home or school	321	36%	35%
Let me recharge my devices at school	175	19%	28%
Let me use my own cell phone, smartphone or MP3 player	387	43%	53%
Let me use my own laptop or netbook (mini-notebook computer) during the school day	300	33%	40%
Provide access to an online tutor	85	9%	15%
Provide access to social networking sites (such as: MySpace, Facebook)	300	33%	36%
Provide class work, assignments and resources online	330	37%	36%
Provide me a laptop or other mobile devices that I can use at school	262	29%	35%
Provide me with unlimited Internet or Wi-Fi access throughout the school	338	38%	41%
Provide tools for me to organize my schoolwork	251	28%	32%
Provide tools for me to communicate with my classmates	287	32%	35%
Provide tools for me to communicate with my teacher(s)	201	22%	26%
Provide tools to help me collaborate with my classmates on schoolwork	204	23%	27%
Nothing - I like things the way they are	115	13%	11%
Other	52	6%	7%

10 **Which of these tools would you like to use to collaborate with other students on school projects or homework? (check all that apply)**

Response	# of Responses	% of Responses	National %
An online environment where I'm linked to my classmates and teacher via IM or text and know who is online	364	40%	38%

An online student directory for easy access to my classmates	266	30%	27%
Blogs or wikis	208	23%	17%
Email	446	50%	43%
GOOGLE Apps (such as: docs, calendar, groups or video)	294	33%	34%
IM or text messaging	390	43%	49%
Online chat	424	47%	47%
Online class	180	20%	21%
School Learning Management System (such as: Blackboard, Angel, Moodle)	65	7%	12%
Skype	337	37%	30%
Social networking site (such as: Facebook or MySpace)	335	37%	38%
School portal sites (such as: Edline or Schoolloop)	110	12%	11%
Tagging tools (such as: del.icio.us,digg, diigo, reddit)	57	6%	7%
Webcams	322	36%	35%
I don't use technology to work with other students	122	14%	14%
Other	47	5%	6%

11 **In some schools, students use mobile devices (cell phones, smartphones, MP3 players etc.) to help with schoolwork. How would you use a mobile device to help you with your schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access online textbooks	451	52%	48%
Access social networking sites (such as: Facebook, MySpace)	292	34%	37%
Access the school network from home or school	337	39%	43%
Check grades	639	74%	69%
Create or share documents, videos or podcasts	228	26%	35%
Learn about school activities	319	37%	41%
Look up information on the Internet	540	63%	64%
Organize my schoolwork assignments	335	39%	45%
Play educational games	356	41%	44%
Record teachers' lectures so that I can refer to them later	253	29%	35%
Send an email	338	39%	39%
Share information with other students	266	31%	38%
Take notes for class	483	56%	61%
Take videos of class presentations or experiments to study from later	268	31%	38%
Text or IM someone to get help with schoolwork (such as teachers, students, parents or other family members)	364	42%	47%

Upload or download information from my teacher's website and/or the school's portal	193	22%	27%
Use language translator	203	24%	27%
Use speech recognition software	98	11%	15%
Use the calendar	347	40%	35%
Use tools and applications to increase my productivity or organization	213	25%	29%
Work on projects with my classmates	347	40%	47%
None of the above	58	7%	6%
Other	49	6%	5%

12 **In the past 12 months, how have you been involved in classes taught online? (check all that apply)**

Response	# of Responses	% of Responses	National %
I researched taking an online class	46	6%	7%
I took an online class for school that was led by a teacher	66	8%	8%
I took an online class for school that was a self-study class	37	5%	6%
I took a blended online class where I spent part of the time online and part of the time in a classroom	31	4%	5%
I took an online class for personal reasons (outside of school)	41	5%	5%
I have not taken an online class but I am interested	214	26%	34%
I am not interested in taking a online class	502	62%	55%

13 **If you have taken an online class, you can skip this question. If you have not taken an online class, why not? (check all that apply)**

Response	# of Responses	% of Responses	National %
I have not found a class I am interested in	148	20%	19%
My school does not offer online classes	341	47%	42%
I do not know about the online classes offered at my school	228	31%	31%
I do not know how to find information about online classes outside of my school	161	22%	22%
No one at my school can help me find online classes to meet my needs	70	10%	10%
I do not know how to sign up for an online class	167	23%	24%
I cannot afford to pay for an online class	94	13%	17%
I am not sure this would be a good way to learn	187	26%	23%
I am not interested in taking an online class	371	51%	41%
I have taken an online class	51	7%	8%

14 **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	317	38%	41%
I could earn college credit	302	36%	40%
I would be in control of my learning	327	39%	45%
I would be more comfortable asking my teacher questions	275	33%	36%
I would be more motivated to learn	215	25%	32%
I would feel more connected to school	200	24%	31%
I would get extra help in a subject that is hard for me	324	38%	44%
I would graduate early	191	23%	27%
I would have a greater sense of independence	222	26%	29%
I would receive more attention from my teacher(s)	175	21%	24%
I would satisfy my school's graduation requirement by taking an online class	124	15%	20%
It would be easier for me to succeed	249	29%	35%
It would be easier to review class materials as many times as I want	264	31%	34%
It would be easier to share ideas with my classmates	186	22%	27%
My technology skills would improve	273	32%	36%
Take a class not offered at my school	169	20%	24%
To work at my own pace	333	39%	42%
I am not interested in taking an online class	166	20%	16%
I don't think there would be any benefits for me	94	11%	9%
I do not know	184	22%	20%
Other	36	4%	5%

15 **Imagine that you can design a new kind of textbook that will be 100% online. What should be included in that new online textbook? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to create podcasts or videos	430	51%	54%
Ability to download information to my cell phone	444	52%	57%
Ability to make electronic highlights or notes	535	63%	64%
Ability to print from the online textbook	569	67%	63%
Ability to search through the textbook by key terms or events	511	60%	58%
Access to 3D content	329	39%	43%
Animations and simulations that explain concepts	433	51%	52%
Brain teasers or advanced topics to extend my learning	445	52%	51%
Calculator	603	71%	67%
Chat room with video capability	390	46%	50%
Dictionary	621	73%	70%
Email tools	399	47%	46%

Games to explore concepts or ideas I'm learning	509	60%	58%
Information about careers that use the academic subject of the textbook	342	40%	41%
Links to real-time data (such as: population, weather, NASA, earthquakes, GOOGLE Earth, etc)	405	48%	48%
Links to useful websites	473	56%	53%
Mobile applications	329	39%	42%
Online tutors	333	39%	40%
Podcasts from my teacher about the subject matter	308	36%	36%
Podcasts from subject experts	264	31%	34%
PowerPoint presentations of lectures	413	49%	49%
Problems and experiments to conduct virtually or in real life	324	38%	39%
Quizzes and tests that I can take myself	508	60%	57%
Self paced tutorials	324	38%	40%
Take an online class	294	35%	35%
Tools to help me collaborate or share information with my classmates (such as: blogs, social networking sites, wikis, bookmarking)	316	37%	40%
Tools to help me develop my writing skills	338	40%	42%
Tools to help me organize my schoolwork (communications, organize my assignments, take notes)	393	46%	48%
Tools that show me where I need to improve	420	49%	49%
Video clips about topics I'm studying	394	46%	47%
Virtual labs	351	41%	45%
Virtual notebook	452	53%	52%
Virtual reader that could read the text aloud	341	40%	41%
Webcams or video conferencing capabilities	300	35%	38%
I don't think online textbooks are a good idea for me	102	12%	12%
Other	45	5%	6%

16 **What would make learning science more interesting, engaging and relevant for you? (check all that apply)**

Response	# of Responses	% of Responses	National %
Conducting real research on topics that I am most interested in	437	56%	57%
Creating multi-media presentations of my scientific findings	229	29%	36%
Having experts come and speak to our class about science careers	276	35%	45%
Learning from a teacher who is excited about science	309	40%	41%
Practicing what I have leaned using interactive simulations	209	27%	34%
Reading the science textbook	147	19%	22%
Understanding why science is relevant to my life	279	36%	38%

Using animations to help me visualize difficult concepts	294	38%	43%
Using data collection, measurement and analysis tools	217	28%	31%
Using online databases to do research	230	29%	35%
Using standard lab tools to conduct scientific investigations	278	36%	39%
Using technology based tools to conduct scientific investigations	249	32%	38%
Using visualizing software to help me organize ideas	221	28%	32%
Working with other students on projects	389	50%	51%
Other	96	12%	10%

17 **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	41	5%	4%
No, my strengths are in other areas	99	13%	13%
No, my parents say that other jobs are better	10	1%	2%
No, those subjects are not interesting to me	107	14%	13%
Maybe, I would like to know more about those jobs or careers	152	20%	22%
Yes, I am somewhat interested in a job or career in those fields	126	16%	16%
Yes, I am very interested in a job or career in those fields	133	17%	18%
Other	99	13%	11%

18 **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	409	54%	54%
Have a summer or part time job or internship in my field of interest	316	42%	47%
Learn about careers through "Day in the Life" podcasts or videos	186	24%	31%
Learn about the job through volunteer opportunities	280	37%	40%
Learn from teachers who have worked in the professional field I'm interested in	251	33%	35%
Let career professionals teach lessons at school	241	32%	37%
Meet successful role models	322	42%	48%

Participate in career exploration programs after school	170	22%	29%
Participate in career exploration programs during the summer	150	20%	25%
Participate in competitions that allow me to assess my skills against other students	214	28%	28%
Participate in virtual tours of companies	164	22%	28%
Provide access to websites with information about careers	197	26%	30%
Receive scholarships to college	337	44%	47%
Take a career technical education class at school to learn about careers	153	20%	25%
Take a field trip to visit companies	300	39%	44%
Take a self-assessment test to identify my career interests or strengths	184	24%	30%
Take an online class where I learn about careers	153	20%	24%
Talk to career professionals about their jobs	209	27%	33%
Use a mobile application to explore careers	156	20%	27%
Use the same tools in my classroom that professionals use at work	165	22%	25%
Work with mentors who can help me with my college and career planning	158	21%	26%
Other	67	9%	7%

19 **Which of these Internet based tools or applications do you use outside of school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through email, IM or text message	502	66%	65%
Communicate with others through discussion boards, social networking sites, chat or online communities	302	40%	39%
Contribute to a wiki (such as: Wikipedia)	118	16%	19%
Create new work using pre-existing text, graphics, audio, video or animation (MashUp)	111	15%	21%
Participate in 3D virtual reality environments (such as: Second Life, Whyville)	123	16%	21%
Participate in online games	325	43%	45%
Update my profile (MySpace or Facebook)	395	52%	52%
Upload or download videos, podcasts or photos to/from the Internet	216	29%	34%
Use web tools to create a list of resources I want to share or remember (such as: del.icio.us, digg, diigo, reddit)	102	14%	16%
Use web tools to create or modify videos, music, audio or animation	173	23%	27%

Use web tools for writing collaboratively with others (such as: GOOGLE docs, writeboard or letterpop)	137	18%	25%
Use web tools to notify me about things I'm interested in (such as: news or magazine articles, changes to websites)	140	19%	24%
Write or contribute to a blog (my own or someone else's)	93	12%	18%
None of the above	82	11%	10%

20 **Which of these information and media literacy skills are most important to be successful in the 21st century? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to identify a research question	409	55%	54%
Ability to identify information sources and how to locate resources	332	45%	46%
Ability to organize information	445	60%	57%
Ability to prepare written or verbal reports of research	344	46%	46%
Ability to produce blogs, vlogs, podcasts, digital storytelling, or video reports	313	42%	41%
Know how to analyze and interpret stories, commercials, or in the media (TV, magazines, newspapers, blogs etc)	311	42%	45%
Know how to detect bias, censorship or propaganda in resources	219	30%	32%
Know how to evaluate my own work to improve my effectiveness	314	42%	44%
Know how to evaluate the quality of digital content or online classes	259	35%	34%
Know how to summarize research	335	45%	47%
Know how to use technology and digital content responsibility	319	43%	43%
Understand how to evaluate the relevance, authenticity, and credibility of resources	262	35%	35%
None of the above	95	13%	13%
Other	52	7%	5%

21 **What is the best way for you to learn about digital citizenship and being safe on the Internet? (select one)**

Response	# of Responses	% of Responses	National %
By using technology as part of my regular class	112	16%	15%
From a teacher	149	21%	15%
From my friends	48	7%	8%
From my parents or other family members	102	14%	20%

Learn on my own just by using technology	60	8%	8%
Learn through a special class at my school	30	4%	4%
Learn through activities at school (such as: Internet safety assembly, presentations, guest speakers)	69	10%	8%
Learn through activities I have participated in outside of school (such as: an afterschool program, church, library, club)	7	1%	2%
Learning from my own (or other's) mistakes	46	7%	8%
Listen to podcasts or watch videos about Internet safety	27	4%	4%
Take an online class	25	4%	3%
Other	31	4%	5%

22 **If you had to write research paper about a topic that you knew little or nothing about, what would you do first? (select one)**

Response	# of Responses	% of Responses	National %
Ask a family member for help	154	22%	20%
Ask a friend for help	52	7%	7%
Ask a tutor or after school club leader for help	16	2%	2%
Ask my teacher for help	106	15%	14%
Ask the librarian for help	18	3%	2%
Check my teacher's webpage	7	1%	2%
Enter my research topic in search engine (such as: GOOGLE, Yahoo, Bing, etc)	176	25%	28%
Find a book in the library	38	5%	4%
Go to a website with original source material (e.g Library of Congress, museums)	17	2%	3%
Go to Wikipedia to find basic information	25	4%	4%
Look in my textbooks for information	20	3%	2%
Post a question on my social networking site (e.g. MySpace, Facebook) about the topic	13	2%	2%
Search online databases or resources portals provided by my school	9	1%	1%
Use Twitter to post a message asking for help	4	1%	1%
Visit a social bookmarking site	2	0%	0%
VIsit a website recognized for its expertise in the topic (such as: NASA, National Geographic Society)	12	2%	2%
Visit an online university library	2	0%	1%
Visit media sites (such as newspapers, magazines, television)	5	1%	1%
Other	18	3%	3%

23 **In the past year, which of these things have you done on your own (not teacher directed, not homework) 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	72	11%	14%
Found a website that helped me better understand a topic we were studying in class	209	31%	34%
Found an online tutor	45	7%	9%
Found experts online who could answer my questions	71	11%	12%
Found information on the Internet	339	50%	47%
Listened to podcasts or watched videos about a topic I was interested in	114	17%	18%
Posted to a blog	93	14%	14%
Sought help from other students through my social networking site	94	14%	15%
Started a wiki or blog to share my ideas and connect with others	55	8%	8%
Took a self-paced tutorial on a subject	48	7%	9%
Took an online class	44	7%	7%
Took an online test or assessment	94	14%	15%
Took part in an online game or simulation	136	20%	20%
Tutored other students who needed help	64	10%	10%
Used cell phone applications to help with my self-organization	89	13%	20%
Used online writing tools to improve my own writing	94	14%	15%
Used Twitter to send a tweet about something I was studying	29	4%	8%
Wrote and submitted stories or original writings to an online site	39	6%	9%
None of the above	140	21%	21%
Other	45	7%	6%

24 **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	328	49%	50%
I am having problems with my schoolwork	128	19%	23%
I am interested in what I'm learning in school	225	34%	34%
I am motivated to do well in school because I like school	184	28%	28%
I am motivated to do well in school because I want to please my teachers or parents	293	44%	45%
I am succeeding academically	309	46%	41%
I believe my school cares about me as a person	233	35%	30%
I do not feel safe at school	41	6%	11%

I don't like school	192	29%	29%
I feel I am prepared to succeed in school	281	42%	40%
I feel safe at school	261	39%	37%
I have too much freedom in my classes	38	6%	6%
I know how to be safe and protect myself when I am online	322	48%	44%
I know what subjects I need to do more studying in to be successful	250	37%	38%
I wish my classes were more interesting	267	40%	43%
My parents are involved in my education	187	28%	29%
My test scores don't match what I know	113	17%	18%
Teachers or my parents expect me to do well in school	307	46%	46%
There is at least one adult at school that I can talk to about school or personal problems	156	23%	25%

25 **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	115	18%	18%
Being harassed online with hurtful texts or photos	180	28%	27%
Seeing websites with inappropriate content	151	23%	26%
Sharing suggestive text or photos	116	18%	24%
Sharing too much personal information online	168	26%	28%
Spending too much time online	255	40%	33%
Strangers asking to meet in person	76	12%	16%
Students' mobile devices have been stolen	193	30%	35%
Students using mobile devices to cheat	99	15%	23%
Students using others' ideas as their own (plagiarism)	133	21%	26%
None of the above	193	30%	28%
Other	49	8%	8%

26 **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	443	74%	70%
Ability to use my own mobile devices	360	60%	62%
Chat rooms to discuss topics with students while in class	311	52%	55%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking)	259	43%	42%
Computer projection devices	313	52%	51%
Digital media tools (video, audio)	314	52%	53%

Digital reader (such as: Kindle, Sony Digital Reader)	297	49%	47%
Digital content (such as:databases, electronic books, animations, videos etc)	251	42%	43%
Document camera (such as: ELMO)	321	53%	42%
Electronic portfolios for students	251	42%	43%
Email tools	299	50%	47%
Games or virtual simulations	344	57%	54%
Handheld digital video camcorder (Flip Camera)	256	43%	44%
Handheld student response systems	219	36%	37%
Instant messaging or text messaging tools	269	45%	47%
Interactive whiteboards (such as: Smartboards, Polyvision)	270	45%	47%
Learning management systems (such as: Blackboard, Moodle, Angel)	189	31%	33%
Mobile computer for every student (such as: laptop, mini-notebook)	310	52%	51%
Mobile devices (such as: cell phones, MP3 players, iPods)	274	46%	49%
Online classes	256	43%	41%
Online textbooks	362	60%	53%
Online tutors	229	38%	38%
School website or portal	283	47%	41%
Simulations	206	34%	33%
Software customized to my learning needs	211	35%	33%
Tablet PC (such as: iPad)	245	41%	43%
Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas)	252	42%	41%
Video conferences and webinars	184	31%	30%
Virtual or online whiteboard	244	41%	39%
Virtual reality games or environments	235	39%	36%
Webcam	280	47%	44%
Wireless microphone system for the teacher	268	45%	39%
Other	58	10%	8%

27 **How would you like to be more involved in education decisions at your school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Be a student representative on my local school board	134	24%	27%
Be part of a club that researches problems and proposes ideas	129	23%	28%
Be part of a student advisory council for the principal	114	20%	25%
Do a presentation to the school board or parent group	97	17%	19%
Give input through surveys like this	157	28%	31%

Have class discussions	194	34%	38%
Let students vote on decisions that affect them	241	42%	42%
Set up a school blog or wiki to share ideas	115	20%	25%
Share ideas online with other students at other schools	125	22%	26%
Submit suggestions to the school board or principal for review	129	23%	25%
Talk to the superintendent about issues that are important to students	108	19%	22%
I would be more involved if our teachers and administrators considered our ideas	139	24%	27%
I am not interested in being more involved in this at my school	162	29%	24%
Other	33	6%	6%

28 **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	69	12%	13%
Agree	236	41%	34%
Disagree	63	11%	14%
Strongly disagree	53	9%	11%
No opinion	93	16%	14%
I don't know	68	12%	14%

29 **Imagine that you have been given the job to design a new application for a smartphone or iPad to help students learn more or be better organized with their schoolwork. Tell us about your "mobile app" – what problem would it solve, what would it do, how would it help students just like you. Be creative! Who knows? Your ideas may influence real product development!**

Note:You can print your school or district open-ended responses from the survey print screen. If

30 **Technology has changed the way people communicate, shop, play games, make friends and follow sports. And it is starting to change the way kids learn, both in school and out of school. As you look into the future, do you think school will be different five years from now because of new technologies? What will "going to school" mean in 2015? Will the way you learn be different? What about the role of your teacher - will that be different too? Help us predict the future of learning in 2015**

Note:You can print your school or district open-ended responses from the survey print screen. If

State: MI

Results based on 510 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	57	11%	30%
Grade 10	76	15%	24%
Grade 11	137	27%	23%
Grade 12	235	46%	22%
Ungraded	2	0%	0%
GED program	1	0%	0%

2 **Gender**

Response	# of Responses	% of Responses	National %
Girl/Female	246	49%	52%
Boy/Male	261	51%	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	145	29%	24%
An average tech user – the same as most of the students at my school	343	68%	72%
A beginner – below the skills of most of the students at my school	17	3%	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)	316	62%	56%
Smartphone or cell phone (with Internet access, such as: Blackberry, iPhone, Droid)	200	39%	44%
Laptop computer	320	63%	67%
Desktop computer	417	82%	71%
Netbook or mini-notebook computer	59	12%	12%
Tablet computer (such as iPad)	36	7%	10%
Digital reader (such as: Kindle, Sony Digital Reader)	45	9%	8%
Music or video device (such as: MP3 player,iPod or iPod Touch)	444	88%	85%

Handheld digital video camcorder (such as: Flip Camera)	195	38%	39%
Video Gaming System (such as: Xbox, Playstation, Wii)	394	78%	74%
Handheld game (such as: GameBoy, Nintendo DS)	243	48%	48%
Other	21	4%	6%

5 **What kind of computer or Internet access do you have outside of school? (select one)**

Response	# of Responses	% of Responses	National %
A home computer with no Internet access	9	2%	4%
A home computer with dialup or slow Internet access	28	6%	8%
A home computer with fast Internet access (such as: DSL, Broadband, or cable)	440	87%	81%
Outside of school, I only use computers and the Internet at a location other than my home (such as: the public library, after school program or commun	20	4%	4%
My only access to computers or the Internet is at school	10	2%	4%

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)	430	88%	77%
Communicate with other students (via email, IM, text or chat)	309	63%	61%
Communicate with teachers (via email, IM, text or chat)	271	56%	46%
Complete writing assignments	430	88%	81%
Conduct research	416	85%	78%
Conduct virtual experiments or simulations	121	25%	22%
Create slide shows, videos or web pages for an assignment	361	74%	69%
Get help from an online tutor	36	7%	10%
Listen to a podcast for a class	39	8%	12%
Participate in online communities	59	12%	12%
Participate in videoconferences	23	5%	8%
Participate in 3D virtual reality worlds (such as: Second Life, Whyville)	22	5%	6%
Play educational games	124	25%	29%
Post to blogs or wikis	74	15%	17%
Take an online class	157	32%	18%
Take tests online	230	47%	39%

Turn in papers for plagiarism check (such as: TurnItIn)	87	18%	21%
Upload assignments and homework to school portal	130	27%	33%
Use my profile (MySpace, Facebook) to collaborate with classmates on a project	260	53%	46%
Use online textbooks or other online curriculum	167	34%	35%
Use Twitter to communicate or to follow others	40	8%	9%
Work on projects with students in other countries	17	3%	6%
None of the above	12	2%	4%

7 **In which of your classes is technology regularly used to enhance or increase your learning?**

Response	# of Responses	% of Responses	National %
English/Language Arts	268	56%	57%
Math	117	24%	36%
Science	176	37%	45%
Foreign languages	118	24%	22%
Social Studies/History	172	36%	38%
Art	52	11%	9%
Music	57	12%	10%
Health	64	13%	11%
Career Technical Education	135	28%	17%
Physical Education	36	7%	6%
Technology is not used regularly in any of my classes to enhance or increase my learning.	44	9%	10%
Other	63	13%	15%

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 the Internet	43	9%	14%
Cannot access my personal email account or send email or IM to classmates	119	25%	30%
Cannot use my own laptop in school	109	23%	29%
Cannot use my own cell phone, smartphone or MP3 player	285	60%	52%
I don't have the skills I need	14	3%	5%
My assignments don't require using technology	66	14%	15%
My school has different computers or software than I am used to	88	19%	15%
Not enough computers or they don't often work	97	21%	20%
Software is not good enough	92	19%	17%
Teachers don't know how to use the technology	69	15%	14%
Teachers limit our technology use	189	40%	37%

The Internet is too slow	114	24%	27%
There are rules against using technology at my school	164	35%	32%
Websites that I need are blocked (through school filters or firewalls)	320	68%	59%
There are no obstacles to using technology at my school	42	9%	9%
Not a big deal. I rarely use the technology at my school	36	8%	12%
Other	8	2%	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	344	71%	71%
Let me access the school network from home or school	157	33%	33%
Let me recharge my devices at school	141	29%	32%
Let me use my own cell phone, smartphone or MP3 player	271	56%	56%
Let me use my own laptop, or netbook (mini-notebook computer) during the school day	174	36%	41%
Provide access to an online tutor	74	15%	20%
Provide access to social networking sites (such as MySpace, Facebook)	187	39%	39%
Provide class work, assignments and resources online	170	35%	35%
Provide me a laptop or other mobile device that I can use at school	125	26%	29%
Provide me with unlimited Internet or Wi-Fi access throughout the school	204	42%	44%
Provide tools for me to organize my schoolwork	97	20%	28%
Provide tools to help me collaborate with my classmates on schoolwork	105	22%	28%
Provide tools for me to communicate with my classmates	118	24%	32%
Provide tools for me to communicate with my teacher(s)	100	21%	28%
Nothing - I like the way things are	57	12%	10%
Other	11	2%	3%

10 **Which of these tools would you like to use to collaborate with other students on school projects or homework? (check all that apply)**

Response	# of Responses	% of Responses	National %

An online environment where I'm linked to my classmates and teacher via IM or text and know who is online	215	45%	48%
An online student directory for easy access to my classmates	129	27%	34%
Blogs or wikis	69	14%	18%
Email	248	52%	50%
GOOGLE Apps (such as: docs, calendar, groups or video)	152	32%	33%
IM or text messaging	281	58%	59%
Online chat	214	44%	49%
Online class	107	22%	26%
Social networking site (such as: Facebook or MySpace)	243	51%	47%
School Learning Management System (such as: Blackboard, Moodle, Angel)	68	14%	15%
School portal sites (such as Edline or Schoolloop)	38	8%	11%
Skype	159	33%	32%
Tagging (such as: del.icio.us, digg, diigo, reddit)	19	4%	7%
Webcams	105	22%	27%
I don't want to use technology to work with other students.	49	10%	9%
Other	7	1%	2%

11 **In some schools, students use mobile devices (cell phones, smartphones, MP3 players,etc.) to help with schoolwork. If that was allowed at your school, how would you use a mobile device to help you with your schoolwork? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access online textbooks	162	36%	44%
Access social networking sites (such as: Facebook, MySpace)	177	39%	39%
Access the school network from home or school	181	40%	43%
Check grades	348	77%	74%
Create or share documents, videos or podcasts	144	32%	37%
Learn about school activities	154	34%	40%
Look up information on the Internet	301	66%	68%
Organize my schoolwork assignments	171	38%	44%
Play educational games	74	16%	25%
Record teachers' lectures so that I can refer to them later	160	35%	41%
Send an email	200	44%	44%
Share information with other students	166	37%	40%
Take notes for class	240	53%	59%

Take videos of class presentations or experiments to study from later.	124	27%	35%
Text or IM someone to get help with schoolwork (such as teachers, students, parents or other family members)	239	53%	53%
Upload or download information from my teachers' website and/or the school's portal	105	23%	30%
Use language translator	127	28%	35%
Use speech recognition software	37	8%	15%
Use the calendar	235	52%	50%
Use tools and applications to increase my productivity or organization	149	33%	37%
Work on projects with my classmates	162	36%	42%
None of the above	43	9%	6%
Other	12	3%	2%

12 **In the past 12 months, how have you been involved in classes taught online? (check all that apply)**

Response	# of Responses	% of Responses	National %
I researched taking an online class	42	9%	10%
I took an online class for school that was led by a teacher	104	23%	14%
I took an online class for school that was a self-study class	96	21%	10%
I took a blended online class where I spent part of the time online and part of the time in a classroom	38	8%	6%
I took an online class for personal reasons (outside of school)	27	6%	8%
I have not taken an online class but I am interested	127	28%	39%
I am not interested in taking a online class	135	30%	39%

13 **If you have taken an online class, you can skip this question. If you have not taken an online class, why not? (check all that apply)**

Response	# of Responses	% of Responses	National %
I have not found a class I am interested in	63	22%	21%
My school does not offer online classes	78	27%	29%
I do not know about the online classes offered at my school	94	32%	34%
I do not know how to find information about online classes outside of my school	65	22%	23%
No one at my school can help me find online classes to meet my needs	23	8%	9%
I do not know how to sign up for an online class	71	24%	24%
I cannot afford to pay for an online class	40	14%	17%

I am not sure this would be a good way to learn	76	26%	24%
I am not interested in taking an online class	89	30%	30%
I have taken an online class	49	17%	12%

14 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	290	64%	54%
I could earn college credit	231	51%	53%
I would be in control of my learning	263	58%	52%
I would be more comfortable asking my teacher questions	143	31%	34%
I would be more motivated to learn	120	26%	29%
I would feel more connected to school	74	16%	24%
I would get extra help in a subject that is hard for me	138	30%	39%
I would graduate early	143	31%	33%
I would have a greater sense of independence	182	40%	37%
I would receive more attention from my teacher(s)	88	19%	23%
I would satisfy my school's graduation requirement by taking an online class	122	27%	26%
It would be easier for me to succeed	137	30%	32%
It would be easier to review class materials as many times as I want	185	41%	38%
It would be easier to share ideas with my classmates	97	21%	23%
My technology skills would improve	179	39%	36%
Take a class not offered at my school	192	42%	33%
To work at my own pace	253	56%	49%
I am not interested in taking an online class	39	9%	11%
I don't think there would be any benefits for me	35	8%	8%
I do not know	50	11%	14%
Other	7	2%	2%

15 Imagine that you can design a new kind of textbook that will be 100% online. What should be included in that new online textbook? (check all that apply)

Response	# of Responses	% of Responses	National %
Ability to create podcasts or videos	179	39%	46%
Ability to download information to my cell phone	243	53%	57%
Ability to make electronic highlights or notes	316	69%	67%
Ability to print from the online textbook	331	72%	66%
Ability to search through the textbook by key terms or events	307	67%	64%
Access to 3D content	114	25%	36%
Animations and simulations that explain concepts	241	53%	55%

Brain teasers or advanced topics to extend my learning	190	42%	46%
Calculator	298	65%	66%
Chat room with video capability	187	41%	44%
Dictionary	305	67%	69%
Email tools	211	46%	46%
Games to explore concepts or ideas I am learning	174	38%	46%
Information about careers that use the academic subject of the textbook	177	39%	43%
Links to real-time data (such as: population, weather, NASA, earthquakes, Google Earth, etc)	214	47%	45%
Links to useful websites	246	54%	53%
Mobile applications	167	37%	42%
Online tutors	170	37%	45%
Podcasts from subject experts	139	30%	32%
Podcasts from my teacher about the subject matter	143	31%	34%
PowerPoint presentations of lectures	231	51%	52%
Problems and experiments to conduct virtually or in real life	157	34%	38%
Quizzes and tests that I can take myself	272	60%	58%
Self paced tutorials	213	47%	45%
Take an online class	181	40%	38%
Tools to help me collaborate or share information with my classmates (such as: blogs, social networking sites, wikis, bookmarking)	174	38%	39%
Tools to help me develop my writing skills	175	38%	40%
Tools to help me organize my schoolwork (communications, organize my assignments, take notes)	204	45%	46%
Tools that show me where I need to improve	226	49%	49%
Video clips about topics I'm studying	191	42%	42%
Virtual labs	201	44%	43%
Virtual notebook	227	50%	49%
Virtual reader that could read the text aloud	161	35%	37%
Webcams or video conferencing capabilities	125	27%	31%
I don't think online textbooks are a good idea for me	59	13%	12%
Other	15	3%	3%

16 What would make learning science more interesting, engaging and relevant for you? (check all that apply)

Response	# of Responses	% of Responses	National %
Conducting real research on topics that I am most interested in	244	56%	57%
Creating multi-media presentations of my scientific findings	119	27%	31%

Having experts come and speak to our class about science careers	181	42%	44%
Learning from a teacher who is excited about science	220	51%	46%
Practicing what I have learned using interactive simulations	174	40%	38%
Reading the science textbook	57	13%	19%
Understanding why science is relevant to my life	192	44%	44%
Using animations to help me visualize difficult concepts	203	47%	43%
Using data collection, measurement and analysis tools	110	25%	30%
Using online databases to do research	107	25%	30%
Using standard lab tools to conduct scientific investigations	152	35%	39%
Using technology based tools to conduct scientific investigations	147	34%	37%
Using visualizing software to help me organize ideas	129	30%	32%
Working with other students on projects	172	40%	44%
Other	24	6%	5%

17 **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	11	3%	4%
No, my strengths are in other areas	58	14%	16%
No, my parents say that other jobs are better	8	2%	2%
No, those subjects are not interesting to me	54	13%	13%
Maybe, I would like to know more about those jobs or careers	67	16%	18%
Yes, I am somewhat interested in a job or career in those fields	82	19%	18%
Yes, I am very interested in a job or career in those fields	124	29%	23%
Other	19	4%	5%

18 **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 summer or part-time job or internship in my field of interest	287	67%	65%
Have a program at school about future careers	227	53%	48%

Learn about careers through "Day in the Life" podcasts or videos	108	25%	28%
Learn about the job through volunteer opportunities	193	45%	46%
Learn from teachers who have worked in the professional field I'm interested in	188	44%	38%
Let career professionals teach lessons at school	161	38%	38%
Meet successful role models	178	42%	45%
Participate in career exploration programs after school	135	32%	30%
Participate in career exploration programs during the summer	126	29%	31%
Participate in competitions that allow me to assess my skills against other students	108	25%	26%
Participate in virtual tours of companies	92	21%	26%
Provide access to websites with information about careers	113	26%	30%
Receive scholarships to college	252	59%	54%
Take a career technical education class at school to learn about careers	105	25%	25%
Take a field trip to visit companies	183	43%	44%
Take a self-assessment test to identify my career interests or strengths	142	33%	33%
Take an online class where I learn about careers	95	22%	23%
Talk to career professionals about their jobs	142	33%	35%
Use a mobile application to explore careers	79	18%	23%
Use the same tools in my classroom that professionals use at work	110	26%	25%
Work with mentors who can help me with my college & career planning	109	25%	28%
Other	15	4%	3%

19 **Which of these Internet based tools or applications do you use outside of school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through email, IM or text message	323	77%	74%
Communicate with others through discussion boards, social networking sites, chat or online communities	226	54%	49%
Contribute to a wiki (such as: Wikipedia)	67	16%	18%
Create new work using pre-existing text, graphics, audio, video or animation (MashUp)	66	16%	18%
Participate in 3D virtual reality worlds (such as: Second Life, Whyville)	52	12%	15%
Participate in online games	140	33%	35%
Update my profile (such as: MySpace, Facebook)	275	66%	62%

Upload or download videos, podcasts or photos to/from the Internet	174	42%	41%
Use web tools to create a list of resources I want to share or remember (such as: del.icio.us, digg, diigo,reddit)	48	11%	15%
Use web tools for writing collaboratively with others (such as: GOOGLE docs, writeboard or letterpop)	100	24%	24%
Use web tools to create or modify videos, music, audio or animation	75	18%	24%
Use web tools (such as: GOOGLE reader) to notify me about things I'm interested in (such as news or magazine articles, or changes to websites)	81	19%	25%
Write or contribute to a blog (my own or someone else's)	49	12%	13%
None of the above	22	5%	6%

20 **Which of these information and media literacy skills are most important to be successful in the 21st century? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to identify a research question	238	56%	57%
Ability to identify information sources and how to locate resources	236	56%	55%
Ability to organize information	283	67%	65%
Ability to prepare written or verbal reports of research	221	52%	55%
Ability to produce blogs, vlogs, podcasts, digital storytelling, or video reports	156	37%	40%
Know how to analyze and interpret stories, commercials, or ads in the media (TV, magazines, newspapers, blogs etc)	200	47%	51%
Know how to detect bias, censorship or propaganda in resources	197	47%	46%
Know how to evaluate my own work to improve my effectiveness	236	56%	54%
Know how to summarize research	248	59%	56%
Know how to use technology and digital content responsibility.	232	55%	52%
Understand how to evaluate the relevance, authenticity, and credibility of resources	218	52%	46%
None of the above	47	11%	9%
Other	18	4%	3%
Know how to evaluate the quality of online courses or digital content	68	16%	16%

21 **What is the best way for you to learn about digital citizenship and being safe on the Internet? (select one)**

Response	# of Responses	% of Responses	National %
By using technology as part of my regular class	57	14%	16%
From a teacher	45	11%	11%
From my friends	33	8%	7%
From my parents or other family members	50	13%	14%
Learn on my own just by using technology	37	9%	13%
Learn through a special class at my school	22	6%	4%
Learn through activities at school (Internet safety assembly, presentations, guest speakers)	58	14%	9%
Learn through activities I have participated in outside of school (such as an afterschool program, church, library, club)	6	2%	2%
Learning from my own (or other's) mistakes	52	13%	13%
Listen to podcasts or watch videos about Internet safety	10	3%	3%
Take an online class	13	3%	4%
Other	17	4%	3%

22 **If you had to write a research paper or report about a topic that you knew little or nothing about, what would you do first? (select one)**

Response	# of Responses	% of Responses	National %
Ask a friend for help	23	6%	7%
Ask a family member for help	17	4%	7%
Ask a tutor or after school club leader for help	2	1%	2%
Ask my teacher for help	42	11%	14%
Ask the librarian for help	7	2%	2%
Check my teacher's webpage	5	1%	2%
Enter my research topic in a search engine (e.g. Google, Bing, Yahoo etc)	160	40%	37%
Find a book in the library	12	3%	3%
Go to a website with original source material (e.g. Library of Congress, museums)	28	7%	6%
Go to Wikipedia to find basic information	34	9%	6%
Look in my textbooks for information	11	3%	3%
Post a question on my social networking site (e.g. MySpace, Facebook) about the topic	4	1%	2%
Search online databases or resource portals provided by my school	11	3%	2%
Use Twitter to post a message asking for help	4	1%	1%
Visit a social bookmarking site	1	0%	1%
Visit a website recognized for its expertise in the topic (such as: NASA, National Geographic Society)	11	3%	3%
Visit an online university library	4	1%	1%

Visit media sites (such as: newspapers, magazines, television)	6	2%	2%
Other	15	4%	2%

23 In the past year, which of these things have you done on your own (not teacher directed, not homework) 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	36	9%	11%
Found a tutor online	19	5%	10%
Found a website that helped me better understand a topic we were studying in class	164	41%	40%
Found experts online who could answer my questions	40	10%	13%
Found information on the Internet	224	56%	55%
Listened to podcasts or watched videos about a topic I was interested in	68	17%	18%
Posted to a blog	36	9%	12%
Sought help from other students through my social networking site	107	27%	23%
Started a wiki or blog to share my ideas and connect with others	19	5%	7%
Took a self-paced tutorial on a subject	29	7%	10%
Took an online class	61	15%	11%
Took an online test or assessment	66	17%	17%
Took part in an online game or simulation	62	16%	15%
Tutored other students who needed help	46	12%	12%
Used cell phone applications to help with my self-organization	77	19%	21%
Used online writing tools to improve my own writing	50	13%	14%
Used Twitter to send a tweet about something I was studying	17	4%	7%
Wrote and submitted stories or original writings to an online site	25	6%	8%
None of the above	74	19%	17%
Other	18	5%	3%

24 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	207	52%	50%
I am having problems with my schoolwork	73	18%	27%
I am interested in what I'm learning in school	127	32%	33%

I am motivated to do well in school because I like school	109	27%	27%
I am motivated to do well in school because I want to please my teachers or parents	167	42%	43%
I am succeeding academically	208	52%	43%
I believe my school cares about me as a person	101	25%	25%
I do not feel safe at school	31	8%	11%
I don't like school	148	37%	31%
I feel I am prepared to succeed in school	158	40%	37%
I feel safe at school	146	37%	32%
I have too much freedom in my classes	26	7%	7%
I know how to be safe and protect myself when I am online	218	55%	48%
I know what subjects I need to do more studying in to be successful	199	50%	44%
I wish my classes were more interesting	192	48%	47%
My parents are very involved in my education	134	34%	29%
My test scores don't match what I know	104	26%	24%
Teachers or my parents expect me to do well in school	212	53%	50%
There is at least one adult at school that I can talk to about school or personal problems	135	34%	28%

25 **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	61	15%	17%
Being harassed online with hurtful texts or photos	157	40%	32%
Seeing websites with inappropriate content	112	28%	26%
Sharing too much personal information online	162	41%	35%
Spending too much time online	189	48%	41%
Students using others' ideas as their own (plagiarism)	176	45%	36%
Sharing suggestive texts or photos	140	35%	31%
Strangers asking to meet in person	53	13%	17%
Students' mobile devices have been stolen	188	48%	45%
Students using mobile devices to cheat	142	36%	31%
None of the above	74	19%	21%
Other	15	4%	4%

26 **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	274	72%	72%

Ability to use my own mobile devices	218	57%	62%
Chat rooms to discuss topics with students while in class	168	44%	49%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking)	172	45%	43%
Computer projection devices	192	50%	50%
Digital media tools (video, audio)	204	53%	54%
Digital reader (such as: Kindle, Sony Digital Reader)	161	42%	42%
Digital content (such as: databases, electronic books, animations, videos etc)	173	45%	42%
Document camera (such as: ELMO)	133	35%	37%
Electronic portfolios for students	168	44%	43%
Email tools	210	55%	49%
Handheld digital video camcorder (Flip Camera)	119	31%	35%
Games or virtual simulations	164	43%	42%
Handheld student response systems	105	27%	34%
Instant messaging or text messaging tools	171	45%	47%
Interactive whiteboards (such as: Smartboard, Polyvision)	184	48%	46%
Learning management systems (such as: Blackboard, Moodle, Angel)	135	35%	33%
Mobile computer for every student (such as: laptop, mini-notebook)	180	47%	50%
Mobile devices (such as: cell phones, MP3 players, iPods)	175	46%	48%
Online classes	190	50%	46%
Online textbooks	219	57%	55%
Online tutors	175	46%	44%
School website or portal	178	46%	43%
Simulations	143	37%	33%
Software customized to my learning needs	138	36%	33%
Tablet PC (such as iPad)	123	32%	37%
Tools to help me organize my work (such as: organize my assignments, take notes, organize my ideas)	173	45%	42%
Video conferences and webinars	99	26%	27%
Virtual or online whiteboard	135	35%	35%
Virtual reality games or environments	103	27%	29%
Webcam	107	28%	34%
Wireless microphone system for the teacher	124	32%	33%
Other	24	6%	4%

27 How would you like to be more involved in education decisions at your school? (check all that apply)

Response	# of Responses	% of Responses	National %

Be a student representative on my local school board	63	17%	22%
Be part of a club that researches problems and proposes ideas	74	20%	27%
Be part of a student advisory council for the principal	75	20%	23%
Do a presentation to the school board or parent group	50	13%	17%
Give input through surveys like this	138	36%	35%
Have class discussions	140	37%	40%
Let students vote on decisions that affect us	182	48%	45%
Set up a school blog or wiki to share ideas	66	17%	21%
Share ideas online with other students at other schools	70	18%	23%
Submit suggestions to the school board or principal for review	76	20%	25%
Talk to the superintendent about issues that are important to students	78	21%	21%
I would be more involved if our teachers and administrators considered our ideas	116	31%	30%
I am not interested in being more involved in this at my school	90	24%	22%
Other	21	6%	3%

28 **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	22	6%	10%
Agree	166	43%	36%
Disagree	81	21%	17%
Strongly disagree	35	9%	11%
No opinion	52	14%	16%
I don't know	27	7%	9%

29 **Imagine that you have been given the job to design a new application for a smartphone or iPad to help students learn more or be better organized with their schoolwork. Tell us about your "mobile app" – what problem would it solve, what would it do, how would it help students just like you. Be creative! Who knows? Your ideas may influence real product development!**

Note:You can print your school or district open-ended responses from the survey print screen. If

30

Technology has changed the way people communicate, shop, play games, make friends and follow sports. And it is starting to change the way kids learn, both in school and out of school. As you look into the future, do you think school will be different five years from now because of new technologies? What will "going to school" mean in 2015? Will the way you learn be different? What about the role of your teacher – will that be different too? Help us predict the future of learning in 2015. We

Note:You can print your school or district open-ended responses from the survey print screen. If

State: MI

Results based on 1346 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	969	73%	78%
Dad	341	26%	19%
Grandparent	3	0%	2%
Other relative or guardian	8	1%	1%

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

Response	# of Responses	% of Responses	National %
Preschool	44	3%	5%
Kindergarten - Grade 1 - Grade 2	400	30%	34%
Grade 3 - Grade 4 - Grade 5	460	35%	38%
Grade 6 - Grade 7 - Grade 8	466	35%	36%
Grade 9 - Grade 10 - Grade 11 - Grade 12	482	36%	33%
Other	25	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	591	45%	38%
An average tech user – My skills are the same as most adults I know	675	51%	57%
A beginner tech user -- I am still learning how to use most technology tools	56	4%	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)	764	58%	56%
Smartphone or cell phone (with Internet access, such as: Blackberry, Droid, iPhone)	725	55%	59%
A laptop computer	1119	85%	82%
A desktop computer	1150	87%	86%
Netbook or mini-notebook computer	187	14%	15%
Tablet PC (such as iPad)	199	15%	13%
Digital reader (such as: Kindle, Sony Digital Reader)	171	13%	16%
Handheld digital video camcorder (such as: Flip Camera)	641	48%	52%

Music or video device (such as: MP3 player, iPod or iPod Touch)	1013	77%	78%
Video Gaming System (such as: xBox, Playstation, Wii)	857	65%	74%
Hand-held game (such as: GameBoy, Nintendo DS)	520	39%	51%
Other	36	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	6	0%	1%
A computer with "dial-up" or slow Internet access	9	1%	2%
A computer with fast Internet access (such as: DSL, Broadband, or cable)	1301	99%	97%
No computer at home. My primary access to technology is at public libraries, community centers, etc.	1	0%	0%
No computer at home. My primary access to technology is where I work	3	0%	1%
No computer at home and no other access to technology	0	0%	0%

6 **What are your top three concerns regarding your child's school right now?**

Response	# of Responses	% of Responses	National %
Classes are too big	397	33%	38%
Course material is not engaging	246	21%	15%
I don't feel a connection with the school	111	9%	10%
Ineffective communications with me	130	11%	11%
Not enough emphasis on job skills	74	6%	7%
Not enough funding	394	33%	40%
School day is too short	104	9%	7%
School does not offer the classes my child needs or wants to take	94	8%	7%
School is no longer fun for my child	88	7%	10%
School is too big	61	5%	6%
School safety	106	9%	11%
Teacher or administrator quality	279	23%	17%
Teachers don't work with parents to address child's academic or behavioral issues	130	11%	10%
Technology is not used to support learning	94	8%	12%
Textbooks are out of date	49	4%	5%
Too many discipline problems that take away from learning	134	11%	11%

Too many extracurricular programs have been cancelled	75	6%	10%
Too much emphasis on tests	191	16%	22%
Too much homework	104	9%	12%
Other	356	30%	22%

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	543	44%	53%
Important	467	38%	36%
Somewhat Important	187	15%	9%
Not Important	38	3%	1%
No Opinion	6	0%	0%

8 **Today students have access to mobile devices that are small, light enough to carry in one hand and provide a high degree of multi-functionality. Teachers and students are currently exploring how to use these devices for learning. What do you think would be the primary benefits of using such devices in instruction? (check all that apply)**

Response	# of Responses	% of Responses	National %
Access to online textbooks	675	54%	61%
Improves teacher-parent-student communications	595	48%	53%
Increases student engagement in school and learning	638	51%	59%
Increases teacher productivity	318	26%	32%
Provides a way for instruction to be personalized for each student	543	44%	51%
Provides a way for students to informally review classroom material	499	40%	46%
Provides a way to help students who are struggling	372	30%	41%
Students develop collaboration and teamwork skills	292	24%	26%
Students develop critical thinking and problem solving skills	343	28%	36%
Students develop stronger communications skills	253	20%	25%
These devices help to extend learning beyond the school day	533	43%	52%
Use of these devices will help improve the teacher's technology skills	255	21%	26%
I don't think these devices will positively impact learning	163	13%	9%
No significant benefit	106	9%	6%

Other	31	3%	2%

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	414	33%	40%
Likely	315	25%	27%
Not likely	124	10%	7%
Very unlikely	47	4%	4%
No opinion	7	1%	1%
Unsure	133	11%	8%
I think it is the responsibility of the school to provide technology for my child to use for educational purposes.	196	16%	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	302	24%	30%
Likely	275	22%	25%
Not likely	151	12%	10%
Very unlikely	102	8%	6%
No opinion	10	1%	1%
Unsure	139	11%	9%
I think it is the responsibility of the school to provide Internet access for my child to use for educational purposes.	258	21%	19%

11 Imagine you can design a new kind of textbook for your child(ren) that will be 100% online. What should be included in that new online textbook to help your child(ren) learn? (Check all that apply)

Response	# of Responses	% of Responses	National %
Ability to create podcasts or videos	385	34%	33%
Ability to download information to their cell phone	218	19%	24%
Ability to make electronic highlights or notes	798	70%	74%
Ability to print from the online textbook	774	68%	75%
Ability to search through the textbook by key terms or events	903	79%	80%
Access to 3D content	181	16%	18%

Animations and simulations that explain concepts	764	67%	67%
Brain teasers or advanced topics to extend my child(ren)'s learning	732	64%	65%
Calculator	540	47%	53%
Chat room with video capability	147	13%	15%
Dictionary	748	65%	73%
Email tools	355	31%	33%
Games to explore concepts or ideas my child(ren) are learning	585	51%	55%
Information about careers that use the academic subject of the textbook	409	36%	41%
Links to real-time data (such as: population, weather, NASA, earthquakes, Google Earth, etc)	709	62%	59%
Links to useful websites	676	59%	62%
Mobile applications	194	17%	20%
Online tutors	533	47%	56%
Podcasts from my child(ren)'s teachers about the subject matter	495	43%	46%
Podcasts from subject experts	535	47%	41%
PowerPoint presentations of lectures	432	38%	45%
Problems and experiments to conduct virtually or in real life	488	43%	45%
Quizzes and tests that my child(ren) can take on their own	716	63%	68%
Self paced tutorials	722	63%	62%
Take an online class	329	29%	35%
Tools to help my child(ren) collaborate or share information with their classmates (such as: blogs, social networking sites, wikis, bookmarking)	344	30%	30%
Tools to help my child(ren) develop their writing skills	684	60%	63%
Tools to help my child(ren) organize their schoolwork (communications, organize assignments, take notes)	682	60%	65%
Tools that show my child(ren) where they need to improve	685	60%	66%
Video clips about topics my child(ren) are studying	414	36%	43%
Virtual labs	374	33%	40%
Virtual notebook	365	32%	40%
Virtual reader that could read the text aloud	271	24%	31%
Webcam or videoconferencing capabilities	169	15%	19%
I don't think online textbooks are a good idea for my child	125	11%	7%
Other	69	6%	4%

12 **When selecting educational tools (such as: online classes, computer software, games, and websites) for you child to use at home, which of these factors do you consider when evaluating their quality?**

Response	# of Responses	% of Responses	National %
Aligned to content standards (state, national, provincial)	347	31%	41%
Aligned to my child(ren)'s curriculum	614	56%	63%
Cost	618	56%	61%
Developed by instructional designers	228	21%	24%
Developed by an organization with expertise in the field	422	38%	38%
Includes embedded assessment	206	19%	22%
Developed by classroom teacher(s) or curriculum specialists	308	28%	35%
My child finds the tools engaging	701	63%	64%
My child is doing better in school after using similiar tools	435	39%	46%
My child recommended the tools	196	18%	20%
My child's teacher is using the same tools in the classroom	555	50%	53%
Online reviews by parents	293	27%	33%
Our school purchased a license for the tools and allows home access	367	33%	38%
Recommended by a parent organization or website	226	20%	23%
Recommended by my child(ren)'s teacher, school librarian or other educator	546	49%	48%
Recommended by professional organizations, State Department of Education or Ministry of Education	236	21%	25%
Resources were referred by a parent or colleague	251	23%	21%
Student achievement results	308	28%	36%
Tagged on a social bookmarking site	20	2%	3%
Tools are age-appropriate for my child	521	47%	48%
Tools were recommended in my child's textbook	136	12%	16%
Other	71	6%	3%

13 **Which of these Internet based tools or applications do you use for your own personal interests?**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites or chat	658	59%	57%
Communicate with others through email, IM or text messaging	1066	95%	92%
Contribute to a wiki (such as wikipedia)	169	15%	12%

Create a list of resources I want to remember or share (such as: del.icio.us, digg, diigo, reddit etc.)	150	13%	12%
Create new work using pre-existing text, graphics, audio, video or animation (Mashup)	118	11%	14%
Participate in online games or 3D virtual reality environments (such as: Second Life)	94	8%	11%
Take online classes	338	30%	38%
Update profile (MySpace, Facebook, or LinkedIn)	728	65%	63%
Upload or download videos, podcasts or photos to/from the Internet	703	63%	57%
Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites)	557	50%	44%
Use web tools to create or modify videos, music, audio or animation	189	17%	19%
Use Twitter (or similar tool) to communicate or follow others	152	14%	11%
Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop)	277	25%	15%
Write or contribute to a blog (my own or someone else's)	193	17%	14%
None of the above	13	1%	2%
Other	39	3%	2%

14 **What concerns you the most about your child(ren)'s Internet use at school or home?**

Response	# of Responses	% of Responses	National %
Advertising and spam	740	65%	67%
Copyright issues/illegal file sharing	253	22%	25%
Cyber bullying	690	61%	63%
Difficulty evaluating the credibility of an online resource	619	55%	50%
Immersive reality games or environments	339	30%	33%
Ineffective Internet filters and firewalls	534	47%	52%
Meeting strangers online	736	65%	74%
Online predators	742	66%	77%
Plagiarism and cheating	437	39%	38%
Privacy of records and information	537	48%	51%
Sharing too much personal information online	830	73%	76%
Too much time spent on the computer	749	66%	59%
Violent or inappropriate video or online games	652	58%	58%
Websites that are inappropriate for my child's age	753	67%	71%
I don't have any concerns.	18	2%	2%
Other	29	3%	2%

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

Response	# of Responses	% of Responses	National %
From a teacher	788	70%	67%
From me or other family members	987	87%	89%
From their friends	158	14%	11%
Learn on their own just by using technology	64	6%	4%
Learn on their own (or from other's) mistakes	74	7%	4%
Learn through a special class at school	397	35%	39%
Learn through activities at school (Internet safety assembly, presentations, guest speakers)	579	51%	54%
Learn through activities outside of school (such as an afterschool program, church, library, club)	151	13%	17%
Learn by using technology as part of their regular classes	503	44%	40%
Learn through an online class	94	8%	10%
Listen to podcasts or watch videos about Internet safety	146	13%	15%
Other	20	2%	2%

16 **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	719	65%	60%
Math	524	47%	44%
Engineering	574	52%	51%
Technology	613	55%	57%
None of the above	71	6%	5%
Not sure	200	18%	16%

17 **How does your school or district currently communicate information with you?**

Response	# of Responses	% of Responses	National %
Automated phone messages about my child’s attendance	505	45%	48%
Automated phone messages about my child’s academic performance	30	3%	5%
Broadcast or announcement messages to my home phone	427	38%	47%

Face-to-face meetings	727	65%	52%
Hard copy flyers or newsletters that are sent home with my child or mailed to us	568	51%	52%
Local newspaper or public TV announcements	80	7%	8%
Listserv messages or newsletters	359	32%	18%
Parent association meetings or school board meetings	522	47%	36%
Personal emails	778	70%	65%
Personal phone calls	261	24%	28%
School blog postings	148	13%	7%
School portal or website	627	56%	52%
Text message to my cell phone	28	3%	5%
Use Twitter to send updates	11	1%	1%
Other	49	4%	5%

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

Response	# of Responses	% of Responses	National %
Extremely Effective	201	18%	19%
Effective	729	66%	64%
Ineffective	122	11%	10%
Extremely ineffective	27	2%	3%
No opinion/unsure	26	2%	3%

19 **If you could design the ultimate school portal for your child(ren)'s school, which features would be the most important to you? (pick your top 5)**

Response	# of Responses	% of Responses	National %
Access to curriculum materials or online textbooks we can use at home	795	73%	74%
Directory of teachers' and administrators' email addresses	500	46%	41%
Emergency notifications	447	41%	40%
Information about volunteer opportunities at school	225	21%	21%
Information about how my child's grades and test scores compare with other students	385	35%	38%
Information about my child(ren)'s attendance	298	27%	26%
Information about online courses available to my child	285	26%	33%
Information about how our school's achievement levels compare with other schools	225	21%	25%
Information updated daily about my child's grades and progress in school	506	47%	54%
Online classes to help me improve my parenting skills	95	9%	12%

Information updated daily on my child's homework assignments, projects and upcoming tests	665	61%	62%
Resources to help me get my child ready for college including information about scholarships	367	34%	37%
Resources to help my child explore interests or careers including afterschool or summer activities	339	31%	32%
School calendar, general school news and list of upcoming activities	650	60%	50%
Special alerts when my child is missing assignments, has low grades or is failing a class	495	46%	50%
Tips/Techniques for helping my child become a responsible digital citizen	171	16%	17%
Tools to facilitate collaboration and communication between my child, their teacher and me	370	34%	32%
Tools to help me assess my child's achievement levels	252	23%	28%
Updates from the teacher about current class activities and topics studied	501	46%	42%
Videos or podcasts of lectures from my child's teacher	142	13%	15%
Ways to connect with other parents with similar interests	106	10%	10%
Tools for evaluating the quality of websites, software and online games	96	9%	9%
Other	36	3%	2%

20 **How would you like to be more involved in education decisions at your child(ren)'s school? (check all that apply)**

Response	# of Responses	% of Responses	National %
Be part of a parent advisory or site-based council	243	24%	26%
Be part of a parent group that researches options and makes suggestions	208	20%	26%
Give input through surveys like this	740	72%	69%
Give my input into the evaluation of teachers' effectiveness	457	44%	40%
I would be more involved if the teachers and administrators valued our input	195	19%	20%
Let parents vote on decisions that affect their child(ren)	291	28%	41%
Participate in community discussions	273	26%	24%
Share ideas online with other parents at other schools	202	20%	22%
Set up a school blog or wiki to share ideas	133	13%	13%
Submit suggestions to the school board or principal	249	24%	27%

I am not interested in being more involved at my child(ren)'s school(s)	46	4%	4%

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 to access the Internet anywhere at school	432	42%	41%
Ability for students to use their own mobile devices at school	214	21%	24%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	640	62%	63%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking)	238	23%	15%
Computer projection devices	445	43%	42%
Chat rooms for students to discuss topics while in class	73	7%	10%
Digital media tools (video, audio)	416	41%	42%
Digital reader (such as: Kindle, Sony Digital Reader)	255	25%	33%
Digital content (such as: databases, animations, videos etc)	336	33%	29%
Document camera (such as: ELMO)	146	14%	19%
Electronic portfolios for students	351	34%	30%
Email tools	352	34%	31%
Games or virtual simulations	166	16%	19%
Handheld digital video camcorder (Flip Camera)	140	14%	11%
Handheld student response systems	167	16%	18%
Instant messaging or text messaging tools	70	7%	10%
Interactive whiteboards (such as: Smartboard, Polyvision)	457	45%	50%
Learning management systems (such as: Blackboard, Moodle, Angel)	308	30%	27%
Mobile computer for every student (such as: laptop, mini-notebook)	359	35%	40%
Mobile devices (such as: cell phones, MP3 players, iPod)	80	8%	11%
Online classes	310	30%	34%
Online textbooks	606	59%	64%
Online tutors	452	44%	53%
School website or portal	531	52%	50%
Simulations	188	18%	18%
Tablet PC (such as iPad)	212	21%	25%
Tools that help my child(ren) organize their work (such as: organize my assignments, take notes, organize my ideas)	558	54%	53%

Video conferences and webinars	173	17%	19%
Virtual or online whiteboard	230	22%	25%
Virtual reality games or environments	67	7%	8%
Webcam	74	7%	10%
Wireless microphone system for the teacher	252	25%	19%
Other	70	7%	3%

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

Response	# of Responses	% of Responses	National %
Strongly agree	134	13%	11%
Agree	588	55%	55%
Disagree	162	15%	17%
Strongly disagree	32	3%	4%
No opinion	75	7%	6%
Unsure	79	7%	7%

23 **Pretend that you are the principal of your child's school. What is one thing that you would do this year to better leverage technology (both at school and at home) to improve student success and/or communications with parents? If you have multiple children, please pick one school to think about for this question and tell us whether it is an elementary, middle or high school.**

Note:You can print your school or district open-ended responses from the survey print screen. If

24 **Gender**

Response	# of Responses	% of Responses	National %
Female	793	73%	80%
Male	286	27%	20%

25 **Age**

Response	# of Responses	% of Responses	National %
Under 29	12	1%	3%
30-39	234	22%	32%
40-49	605	56%	51%
50-59	208	19%	13%
60-69	20	2%	1%
70 +	2	0%	0%

26 **Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Less than high school diploma	0	0%	1%

High school diploma	18	2%	6%
Some College	108	10%	26%
Bachelor's degree	347	32%	37%
Graduate Education	607	56%	31%

27 **Household Income**

Response	# of Responses	% of Responses	National %
Less than $15,000	7	1%	2%
$15,000 - $24,999	22	2%	3%
$25,000-$49,999	55	6%	10%
$50,000 - $74,999	101	10%	15%
$75,000 - $99,999	181	18%	18%
$100,000 - $149,999	287	29%	27%
$150,000-$200,000	160	16%	13%
Over $200,000	169	17%	11%

State: MI

Results based on 218 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	173	80%	78%
Special education educator	17	8%	9%
Librarian or media specialist	0	0%	0%
School technology coordinator	0	0%	1%
Academic or Guidance Counselor	8	4%	2%
Curriculum specialist	4	2%	1%
Paraprofessional, Instructional aide or paraeducator	2	1%	3%
Pupil Services	0	0%	0%
Coach or Mentor	2	1%	1%
Other	11	5%	4%

2 **What grade(s) do you currently teach?**

Response	# of Responses	% of Responses	National %
pre-K	3	1%	2%
K-2	18	8%	19%
5-Mar	33	15%	21%
8-Jun	66	31%	21%
12-Sep	77	36%	28%
Ungraded	3	1%	2%
All grades	13	6%	8%

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

Response	# of Responses	% of Responses	National %
General Elementary (all subjects)	37	17%	31%
Alternative Education	1	0%	0%
Bilingual Education	0	0%	1%
Business	2	1%	1%
Career Technical Education (includes vocational education, ROTC)	10	5%	2%
Computer Science	2	1%	0%
English	22	10%	9%
English as a second language	2	1%	1%
Foreign language	13	6%	2%

Health	4	2%	1%
Humanities	0	0%	0%
Information and media literacy	1	0%	0%
Math	9	4%	10%
Physical education	5	2%	3%
Science	30	14%	7%
Social Studies or History	9	4%	6%
Special education	15	7%	8%
Technology (includes computer lab, information technology)	9	4%	2%
Visual and performing arts (includes art, band, choir, dance, theater, video production)	12	6%	4%
Yearbook or Journalism	0	0%	0%
I teach subjects across the curriculum	5	2%	3%
Other	25	12%	9%

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	86	41%	30%
An average tech user – about the same as my peers	115	55%	61%
A beginning tech user – less developed than my peers	10	5%	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)	135	64%	59%
Smartphone or cell phone (with Internet access such as: Blackberry, Droid or iPhone)	81	38%	45%
Desktop computer	165	78%	85%
Laptop computer	194	92%	84%
Netbook or mini-notebook computer	27	13%	13%
Tablet PC (such as iPad)	16	8%	9%
Digital reader (such as: Kindle, Sony Digital Reader)	18	8%	13%
Music or video device (such as: MP3 player, iPod, or iPod Touch)	168	79%	68%
Handheld digital video camcorder (such as: Flip Camera)	115	54%	44%
Video Gaming System (xBox, Playstation, Wii)	113	53%	50%
Handheld game (such as: GameBoy, Nintendo DS)	47	22%	24%
Other	23	11%	9%

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	200	99%	96%
Communicate with students using email, IM or text messaging	130	64%	36%
Conduct Internet research	181	89%	89%
Create and upload videos, music or pictures	146	72%	65%
Create multi-media presentations	128	63%	53%
Listen to a podcast, watch videos or view presentations	148	73%	56%
Manage electronic portfolios for students	34	17%	15%
Participate in professional online communities	102	50%	36%
Participate in video conferences or webinars	82	40%	24%
Read or post blog or wiki entries	90	44%	31%
Read text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries)	146	72%	58%
Share information with other teachers or administrators via district portal	52	26%	18%
Take an online class	83	41%	37%
Update my profile (MySpace, Facebook, LinkedIn)	114	56%	45%
Upload class information (such as: grades, homework assignments, teachers notes or presentations, podcasts, turn in assignments)	159	78%	68%
Use desktop widgets	45	22%	11%
Use Twitter to communicate or to follow others	23	11%	5%
None of the above	1	0%	0%
Other	12	6%	4%

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

Response	# of Responses	% of Responses	National %
Conduct investigations	109	54%	47%
Create cues, questions or advanced organizers	94	47%	40%
Create graphic organizers for comparing, classifying, creating metaphors and analogies	99	49%	51%
Create physical models or use pictures to represent knowledge	91	45%	41%
Facilitate group collaboration and structure	88	44%	32%
Homework and practice	135	67%	58%
Note taking and synthesis of information	89	44%	36%
Provide feedback to students	114	56%	38%
Set student objectives	86	43%	34%

Share exemplary student work in classroom, school or with parents	72	36%	29%
Students create movies or animation projects	61	30%	20%
Track the relationship between effort and achievement	40	20%	16%
None of the above	12	6%	8%

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

Response	# of Responses	% of Responses	National %
Extremely Important	92	45%	37%
Important	72	35%	41%
Somewhat Important	26	13%	17%
Not Important	11	5%	3%
No Opinion	3	1%	1%

9 **Today students have access to mobile devices that are small, light enough to carry in one hand and provide a high degree of multi-functionality. Teachers and students are exploring how to use these devices for learning. 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	136	67%	60%
Helps teachers improve their technology skills	97	48%	53%
Improves teacher-parent-student communications	139	68%	64%
Increases student engagement in school and learning	156	77%	77%
Increases teacher productivity	95	47%	46%
Provides a way for instruction to be personalized for each student	122	60%	58%
Provides a way for me to create a learning centered environment	95	47%	45%
Provides a way for students to informally review classroom material	112	55%	49%
Provides opportunities for informal remediation	102	50%	48%
Students develop collaboration and teamwork skills	93	46%	41%
Students develop critical thinking and problem solving skills	104	51%	48%
Students develop stronger communications skills	91	45%	40%
These devices help to extend learning beyond the school day	133	66%	59%
I don't think these devices will positively impact learning	12	6%	5%

No significant benefit	12	6%	3%
Other	9	4%	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 %
Finding age appropriate resources for my students	80	40%	46%
I am concerned students will cheat on tests	61	31%	34%
I am concerned that students will be distracted doing other things (such as: surfing the Internet, texting, playing games)	146	73%	73%
I don't have curriculum to support their use	52	26%	23%
I don't know how to effectively integrate mobile devices into my instruction	56	28%	26%
I don't know which features I could use for instruction	54	27%	21%
I don’t see the value of using mobile devices within instruction	21	11%	6%
Not appropriate for the ages of my students	16	8%	16%
Not all of my students have mobile devices	139	70%	62%
Parents will not support the use of mobile devices	32	16%	12%
Teaching my students how to use mobile devices responsibly	81	41%	32%
I will lose control of the class	18	9%	10%
Students don't use mobile devices in my classroom	41	21%	22%
Other	13	7%	4%

11 How would you describe your interest in using a learning management system or teaching an online class?

Response	# of Responses	% of Responses	National %
I have researched using a learning management system in my class	25	13%	10%
I am using a learning management system in my class	38	19%	10%
I don't know what a learning management system is	69	35%	34%
I am not interested in using a learning management system in my class	10	5%	6%
I researched teaching an online class	25	13%	8%
I have taught a class that is 100% online	32	16%	5%
I have taught a blended class that includes online and face-to-face components	29	15%	5%
I have not taught an online class but I am interested	55	28%	28%
I am not interested in teaching an online class	59	30%	39%

12 **There is a growing student demand for more online courses; however, currently there are not enough teachers willing to teach these classes. If you have not taught an online course, which of the following would motivate you to teach a online course?**

Response	# of Responses	% of Responses	National %
Ability to work with more motivated students	54	31%	33%
Co-teaching an online course with another teacher	62	35%	29%
Flexibility with my working conditions	96	55%	53%
Having first hand experience by taking an online course	34	19%	17%
Increased compensation	93	53%	48%
Increased prestige and professional recognition	32	18%	16%
Knowing about job opportunities for teaching online courses	64	37%	33%
Knowing that my current credentials are sufficient to teach online	50	29%	26%
Learning a new set of professional skills	66	38%	26%
Letting me create my own course	38	22%	16%
Providing me with the necessary technology to facilitate the course	79	45%	39%
Providing the curriculum to teach the course	52	30%	32%
Selecting my preferred teaching assignments	47	27%	21%
Talking to teachers who are successful teaching online courses	68	39%	29%
Teaching at-risk students	38	22%	17%
Teaching gifted students	26	15%	15%
Understanding what's needed to teach effectively in an online environment	67	38%	30%
Wanting to develop a more personalized approach to my teaching practice	32	18%	13%
Working with other innovative teachers	55	31%	24%
I don't think I can be motivated to teach an online course	25	14%	18%
Other	16	9%	4%

13 **What is your preferred method for professional development? (pick top 3)**

Response	# of Responses	% of Responses	National %
Conference workshops or sessions (sponsored by professional associations)	110	56%	63%
I like to learn on my own at the time I need it	46	23%	25%
In-school mentoring program	36	18%	15%
Online courses	46	23%	27%

Participating in a professional learning community	83	42%	30%
Peer-to-peer or school study teams	54	28%	25%
Podcasts or webcasts	26	13%	10%
School or district provided trainings	60	31%	40%
Summer Institutes (sponsored by my local university/college, museums, professional associations etc)	65	33%	26%
University or college course	45	23%	21%
Workshops from the County Office of Education or educational services offices	32	16%	15%
Workshops provided by textbook publishers, vendors or technology providers	26	13%	11%
None of the above	2	1%	1%
Other	12	6%	1%

14 **What has been your experience with online professional development? (check all that apply)**

Response	# of Responses	% of Responses	National %
I have participated in a 100% online course for a credentialing, certification, post-graduate degree	57	31%	28%
I have researched taking an online professional development class or workshop	21	11%	11%
I have participated in a 100% online professional development class or workshop	53	28%	27%
I have taken a blended online professional development class that included online and face-to-face time	54	29%	21%
I would like my school district to offer more online professional development opportunities	64	34%	34%
I am not interested in participating in professional development online	25	13%	19%
Other	8	4%	5%

15 **How would you like your district to use technology to create a professional learning community? (Pick your top 3 options)**

Response	# of Responses	% of Responses	National %
Partner with universities to provide graduate level courses	85	44%	40%
Provide a centralized repository of teaching resources	62	32%	32%
Provide easy access to student data that I can use to inform my teaching	64	33%	26%
Provide online courses	54	28%	41%

Provide tools that enable me to collaborate with other teachers outside of my school	69	35%	39%
Provide tools that enable me to collaborate with teachers at my school	87	45%	41%
Share documents and note taking for collaborative professional work	18	9%	10%
Use blogs or wikis to share 'best-practice'	34	17%	14%
Use digital readers (such as Kindle) to share books on best practices	26	13%	17%
Use podcasts or webcasts to share teaching topics	30	15%	14%
Use webinars and video conferencing to connect me with experts in my field	45	23%	18%
Other	11	6%	3%

16 **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	106	56%	44%
Created my own video or podcast to help me share my knowledge with others	31	16%	8%
Found a mentor online	4	2%	2%
Found a website that helped me better understand a topic I was teaching in class	156	82%	73%
Found experts online who could answer my questions	48	25%	18%
Found information on the Internet	172	91%	82%
Listened to podcasts or watched videos about a topic I was interested in	114	60%	40%
Participated in a webinar or online conference	49	26%	15%
Posted to a blog	54	28%	18%
Provided online support to other teachers	39	21%	15%
Started a wiki or blog to share my ideas and connect me with others	23	12%	7%
Sought help from other teachers through my social networking site	37	19%	13%
Took a self-paced tutorial on a subject	40	21%	14%
Took an online course	35	18%	20%
Took online assessments to test my own knowledge on a subject	29	15%	13%
Took part in an online game or simulation	40	21%	19%
Used a mobile application to learn about a subject that interested me	23	12%	14%
Used online writing tools to improve my own writing	13	7%	7%

Used some cellphone applications to help me with my self-organization	52	27%	25%
Used Twitter to communicate or to follow others	16	8%	5%
Wrote and submitted articles or original writing to an online site	5	3%	3%
None of the above	4	2%	4%
Other	7	4%	1%

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

Response	# of Responses	% of Responses	National %
3D content	10	5%	4%
Animations	37	20%	20%
Electronic book subscriptions	19	10%	7%
Game-based environments	25	13%	23%
Online curriculum	61	32%	28%
Online databases (such as census data, education statistics)	43	23%	15%
Online periodical, news or journal subscriptions	40	21%	15%
Online subscription service of digital resources	22	12%	10%
Online supplemental materials	67	35%	33%
Online textbooks	53	28%	24%
Podcasts or Video (such as: iTunes, YouTube, TeacherTube, SchoolTube etc.)	90	48%	30%
Real-time data (such as: population, weather, NASA, GOOGLE Earth, GIS etc)	61	32%	23%
Simulations	36	19%	11%
Software to help students develop skills (reading, writing, math, foreign language)	54	29%	37%
Software to help students develop higher-order thinking skills	33	17%	19%
Teaching aids	56	30%	36%
Tutorials	47	25%	17%
Virtual field trips	23	12%	16%
Virtual labs	27	14%	7%
None of the above	17	9%	10%
Other	10	5%	4%

18 Specific to the category of teaching aids that you find online, which of these are you using in your classroom? (check all that apply)

Response	# of Responses	% of Responses	National %
Formative assessment tools	63	34%	38%
Graphic organizers	82	44%	54%
Intervention strategies	35	19%	32%

Lesson plans	96	52%	57%
Online grade book	117	63%	55%
Online lesson plan repository or planning tool	45	24%	23%
Online Worksheets	81	44%	41%
Summative assessment tools	52	28%	27%
Supplemental activities for differentiated instruction	59	32%	36%
Test-prep software	36	19%	19%
Websites	134	72%	63%
Other	1	1%	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	67	37%	37%
Compiled on a list by our State Department of Education or Ministry of Education	35	19%	23%
Content is fee-based	3	2%	3%
Content is free	91	50%	55%
It is an "Open Education Resource"	49	27%	21%
Learn about it on a webinar or virtual conference	20	11%	8%
Learned about the resource through a demonstration at a conference	68	37%	30%
Materials are created by practicing teachers	106	58%	55%
Recommended on education blogs and websites	49	27%	24%
Referred by a colleague	92	50%	53%
Source is a content expert organization (such as: National Science Foundation, universities)	78	43%	28%
Source is an established media or content producer (such as: NBC, Discovery, PBS)	71	39%	28%
Source is an online curriculum company or organization	13	7%	12%
Student achievement with the materials	68	37%	35%
Teacher evaluation of the materials	72	39%	40%
Textbook publisher recommendations	16	9%	10%
Other	9	5%	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	41	22%	22%
Agree	99	52%	56%

Disagree	27	14%	13%
Strongly disagree	3	2%	4%
No opinion	9	5%	4%
I don't know	11	6%	2%

21 **On any given school day which of these examples describes how you are using technology in your classroom. (check all that apply)**

Response	# of Responses	% of Responses	National %
Assessing student understanding through handheld student response systems, electronic portfolios or multi-media projects	28	16%	19%
Connecting students to learning opportunities outside of the classroom through webcams, videoconferencing, or webinars	20	12%	10%
Creating a digitally-rich learning environment using games, virtual simulations, or digital content (such as databases, electronic books, animations,	55	32%	31%
Creating opportunities to extend learning beyond the school day through mobile devices	17	10%	10%
Empowering collaboration between students using blogs, social networking sites, wikis, or GOOGLE docs	37	21%	11%
Facilitating lessons through the use of interactive whiteboards, digital projectors or document cameras (such as an ELMO)	80	46%	53%
Letting students IM or text message to help each other with schoolwork	12	7%	4%
Managing my class through a school portal, learning management system (such as Blackboard, Moodle or Angel)or teaching an online class	61	35%	14%
Providing feedback to students on performance through school portals or communication tools	69	40%	18%
Providing opportunities for students to create content and represent their knowledge using multi-media tools	59	34%	25%
Using interactive whiteboards to facilitate student collaboration or content creation	35	20%	28%
None of the above	32	18%	18%
Other	4	2%	3%

22 **In addition to knowing core content subjects, which of these information and media literacy skills are most important for your students to be successful in the 21st century? (check all that apply)**

Response	# of Responses	% of Responses	National %

Ability to conduct research	141	82%	76%
Ability to evaluate the relevance, authenticity, and credibility of resources	145	84%	68%
Ability to identify information sources and how to locate resources	149	86%	70%
Ability to organize information	144	83%	78%
Know how to analyze and interpret stories, commercials, or ads in the media (TV, magzaines, newspapers, blogs etc)	101	58%	48%
Know how to detect bias, censorship or propaganda in resources	122	71%	54%
Know how to prepare written or verbal reports of research	121	70%	64%
Know how to produce blogs, vlogs, podcats, digital storytelling or video	67	39%	29%
Know how to summarize research	114	66%	60%
Know how to use technology and digital content responsibly	136	79%	71%
Students have the ability to evaluate their own work to improve their effectiveness	122	71%	59%
None of the above	1	1%	3%
Other	4	2%	1%

23 **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	14	8%	8%
Being harassed online with hurtful texts or photos	58	34%	21%
Personal information shared with others online	54	32%	23%
Seeing websites with inappropriate content	81	48%	35%
Sharing suggestive texts or photos	44	26%	20%
Spending too much time online	95	56%	37%
Strangers asking to meet in person	8	5%	3%
Students' mobile devices have been stolen	66	39%	26%
Students using mobile devices to cheat in class	39	23%	18%
Students using others' ideas as their own (plagiarism)	117	69%	45%
None of the above	19	11%	28%
Other	6	4%	5%

24 **Which of these Internet based tools and applications (Web 2.0) 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	103	59%	52%
Communicate with others through email, IM or text message	157	90%	87%
Contribute to a wiki	26	15%	9%
Create a list of resources I want to share or remember (such as: del.icio.us, digg, diigo, reddit)	35	20%	13%
Create new work using pre-existing text, graphics, audio, video or animation (MashUp)	32	18%	17%
Participate in online games or 3D virtual reality worlds (such as: Second Life)	16	9%	12%
Take an online class	56	32%	30%
Upload or download videos, podcasts or photos to/from the Internet	125	71%	56%
Update profile (MySpace, Facebook,LinkedIn)	110	63%	54%
Use Twitter to communicate or to follow others	19	11%	7%
Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites)	74	42%	34%
Use web tools to create or modify music, audio or animation	45	26%	19%
Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop)	51	29%	13%
Write or contribute to a blog (my own or someone else's)	41	23%	13%
None of the above	6	3%	4%
Other	1	1%	1%

25 **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.	47	28%	28%
Students are applying their knowledge to practical problems.	61	36%	30%
Students are creating models and testing their assumptions	16	10%	9%
Students are demonstrating higher levels of proficiency on standardized tests.	18	11%	15%
Students are developing their creativity	78	46%	41%
Students are developing their problem-solving and critical thinking skills	68	40%	31%
Students are gaining a better understanding of the class material through "trial and error"	42	25%	24%
Students are more deeply exploring their ideas	37	22%	20%

Students are more motivated to learn	91	54%	53%
Students are spending more time on drill and practice	30	18%	17%
Students are taking ownership for their learning	48	29%	26%
Students are working together more often	51	30%	28%
Students have a better understanding of abstract concepts	21	13%	15%
Students learn that failure is an opportunity to learn.	26	15%	14%
I don't know	24	14%	19%
Other	9	5%	3%

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

Response	# of Responses	% of Responses	National %
I am better organized	106	64%	59%
I am creating more interactive lessons.	62	37%	36%
I am creating more relevant lessons	68	41%	37%
I am facilitating student centered learning	73	44%	38%
I am managing my class more effectively.	60	36%	29%
I am more connected to my students.	56	34%	21%
I am more productive	96	58%	52%
I encourage students to be more self-directed	92	55%	38%
I facilitate collaboration between students	54	33%	26%
I give my students more personalized attention	47	28%	23%
I have a better understanding of what my students are learning	33	20%	20%
I have time to differentiate instruction	49	30%	32%
I know when students are having problems with the content	42	25%	23%
I spend more time with individual students to help them understand the content	34	20%	17%
It's easier to assess how my students are doing	59	36%	28%
None of the above	8	5%	8%
Other	5	3%	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 for students to use their own mobile devices	67	40%	33%
Ability to access the Internet anywhere at school and in my classroom	122	73%	67%
Adaptive learning software which adjusts levels of difficulty and content to address student needs	99	59%	60%

Chat rooms to discuss topics with students while in class	36	22%	16%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking)	66	40%	28%
Computer projection devices	106	63%	55%
Digital media tools (such as: video, audio)	98	59%	55%
Digital reader (such as: Kindle, Sony Digital Reader)	70	42%	39%
Digital content (such as: databases, electronic books, animations, videos etc)	78	47%	41%
Document camera (such as: ELMO)	70	42%	47%
Electronic portfolios for students	76	46%	37%
Email tools	80	48%	43%
Games or virtual simulations	61	37%	34%
Handheld digital video camcorder (Flip Camera)	62	37%	27%
Handheld student response systems	66	40%	38%
Instant messaging and text messaging	36	22%	16%
Interactive whiteboards (such as: Smartboard, Polyvision)	86	51%	58%
Learning management systems (such as: Blackboard, Moodle, Angel)	67	40%	27%
Mobile computer for every student (such as: laptop, mini-notebook)	90	54%	47%
Mobile devices (such as: cell phones, smartphones, MP3 players)	54	32%	18%
Online classes	53	32%	31%
Online textbooks	94	56%	51%
Online tutors	62	37%	38%
School portal or website	63	38%	32%
Simulations	48	29%	22%
Tablet PC (such as iPad)	35	21%	26%
Tools that help students organize their work (such as: communication, organize my assignments, take notes, organize my ideas)	89	53%	39%
Video conferences and webinars	38	23%	20%
Virtual or online whiteboard	43	26%	26%
Virtual reality games or environments	28	17%	16%
Webcam	36	22%	18%
Wireless microphone system for the teacher	55	33%	21%
Other	8	5%	2%

28 **Technology has long held the promise of "transforming" the way we live, learn and work. In thinking about writing across your curriculum and subject content area, tell us about how technology has transformed learning in your classroom. Are your students approaching writing differently? How is the end product of their writing different because of technology? Does technology afford opportunities within writing that cannot be replicated without the technology? Tell us your stories so that we ma**

Note:You can print your school or district open-ended responses from the survey print screen. If

29 **With so many new technology tools coming into your classroom, what do you need in terms of professional development to be more effective. What is your training wish list, both in terms of content, pedagogy or classroom management?**

Note:You can print your school or district open-ended responses from the survey print screen. If

30 **Are you . . .**

Response	# of Responses	% of Responses	National %
Female	121	76%	83%
Male	39	24%	17%

31 **Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Some College	0	0%	1%
Bachelor's degree	19	11%	30%
Early Childhood Development Certificate	0	0%	0%
Paraprofessional certificate	0	0%	1%
Masters degree in education	99	58%	43%
Masters degree other than education	26	15%	8%
Teaching certificate - elementary/multiple subject	13	8%	9%
Teaching certificate - single subject	6	4%	4%
Doctorate (PhD, EdD)	5	3%	1%
Other	2	1%	2%

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

Response	# of Responses	% of Responses	National %
3-Jan	5	3%	10%
10-Apr	50	30%	33%
15-Nov	36	21%	20%
16+	78	46%	37%

33 **Are you a member of ISTE?**

Response	# of Responses	% of Responses	National %
Yes	8	5%	3%
No	82	49%	45%
I don't know what ISTE is	77	46%	52%

State: MI

Results based on 16 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	1	6%	27%
Instructional Technology Specialist	2	13%	4%
Librarian Media Specialist	7	44%	31%
Library Assistant	1	6%	7%
Media Specialist	2	13%	4%
Teacher Librarian	1	6%	13%
Collections Manager	0	0%	0%
Library Manager	0	0%	0%
Library Director	0	0%	1%
Other	2	13%	12%

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

Response	# of Responses	% of Responses	National %
School Site	14	88%	95%
District	1	6%	2%
Public Library	0	0%	1%
Digital Library	0	0%	0%
Museum (or other public institution)	0	0%	0%
Other	1	6%	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	9	56%	54%
An average tech user – about the same as my peers	7	44%	43%
A beginning tech user – less developed than my peers	0	0%	3%

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)	7	44%	57%
Smartphone or cell phone (with Internet access such as: Blackberry, Droid, iPhone)	9	56%	45%
Desktop computer	16	100%	93%
Laptop computer	14	88%	86%

Netbook or mini-notebook computer	4	25%	21%
Tablet PC (such as: iPad)	2	13%	15%
Digital reader (such as: Kindle, Sony Digital Reader)	3	19%	26%
Music or video device (such as: MP3 player or iPod)	14	88%	67%
Handheld digital video camcorder (such as: Flip Camera)	14	88%	58%
Video Gaming System (xBox, Playstation, Wii)	11	69%	44%
Handheld game (such as: GameBoy)	5	31%	18%
Other	1	6%	9%

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	11	69%	65%
Important	5	31%	30%
Somewhat Important	0	0%	5%
Not Important	0	0%	0%
No Opinion	0	0%	0%

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	13	81%	75%
Answer questions about how to use various types of technology (software or hardware)	15	94%	85%
Conduct Internet research for teachers	12	75%	77%
Create and share digital content	13	81%	56%
Create online content	13	81%	46%
Create technology lessons for teachers	12	75%	37%
Create "how-to" videos or podcasts	7	44%	18%
Create videos, podcasts or multi-media presentations for instructional purposes	8	50%	33%
Create resource collections	12	75%	56%
Design online courses	0	0%	7%
Develop mobile applications	0	0%	2%
Evaluate mobile applications for teachers to use in their lessons	4	25%	7%
Evaluate software for instructional use	10	63%	38%
Find digital content (such as: games, animations, simulations, 3D content) for teachers to use in their lessons	12	75%	49%
Find podcasts, videos or presentations that can be used in lessons	12	75%	46%

Help teachers create videos, podcasts or multi-media presentations	10	63%	37%
Host video conferences or webinars	3	19%	11%
Identify websites for teachers to use in their lessons	13	81%	78%
Identify text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries)	12	75%	63%
Make purchasing recommendations for technology (such as: hardware, software, subscription services, electronic resources, digital content, etc)	11	69%	56%
Manage and curate digital content	7	44%	18%
Manage website or portal	14	88%	48%
Manage online subscriptions	9	56%	36%
Participate with teachers in a professional learning community	12	75%	66%
Post blog or wiki entries about effective strategies for integrating technology	4	25%	17%
Provide information about teaching digital citzenship and/or media literacy	12	75%	42%
Publish list of instructional resources	11	69%	45%
Show teachers how to locate digital content	11	69%	58%
Teach online courses	0	0%	5%
Train teachers about how to locate or evaluate digital content	10	63%	33%
Upload resources to library portal (such as: digital content, presentations, podcasts, recommended websites, articles, e-books)	8	50%	34%
Use Twitter to inform teachers about best-practices	1	6%	3%
Use Twitter to learn about new ideas for teachers	2	13%	6%
This is not part of my current job responsibilities	0	0%	5%
Other	3	19%	5%

7 On any given day which of these examples describes how you are using technology to support student learning? (check all that apply)

Response	# of Responses	% of Responses	National %
Assessing student understanding through mobile devices, handheld student responses systems, electronic portfolios, or multi-media projects	7	47%	24%
Connecting students to learning opportunities through webcams, videoconferencing or webinars	4	27%	12%
Creating a digitally-rich learning environment using games, virtual simulations or digital content (such as databases, electronic books, animations, o	11	73%	42%
Creating mobile learning applications	0	0%	3%
Creating web-based learning experiences	11	73%	39%

Empowering collaboration between students using blogs, social networking sites, wikis, or GOOGLE docs	6	40%	26%
Facilitating learning through the use of interactive whiteboards, digital projectors or document cameras (such as an ELMO)	11	73%	60%
Providing access to resources or digital content through a school portal, learning management system (such as Blackboard, Moodle or Angel) or online c	8	53%	26%
Providing opportunities for students to collaborate via IM or text messaging	1	7%	4%
Providing opportunities for students to create content	12	80%	44%
Using interactive whiteboards to facilitate student collaboration or content creation	6	40%	27%
Using Twitter, blogs, or wikis as instructional tool(s)	5	33%	13%
None of the above	0	0%	15%
Other	2	13%	5%

8 **What has been your experience with online professional development? (check all that apply)**

Response	# of Responses	% of Responses	National %
I have participated in a 100% online course for credentialing, certification, post-graduate degree	6	43%	44%
I have researched taking an online professional development class or workshop	5	36%	25%
I have participated in a 100% online professional development class or workshop	8	57%	50%
I have taken a blended online professional development class that included online and face-to-face time	7	50%	39%
I would like my school district to offer more online professional development opportunities	5	36%	46%
I am not interested in participating in professional development online	1	7%	7%
Other	1	7%	4%

9 **Currently who has the primary responsibility for identifying, evaluating and recommending the digital content used in your district, school or organization? (select one)**

Response	# of Responses	% of Responses	National %
A district committee	0	0%	24%
A school committee	0	0%	4%
Collections Manager	0	0%	0%

Curriculum Specialist	1	7%	3%
Instructional Technology Specialist or Coordinator	3	20%	25%
Librarian/Media Specialist	3	20%	6%
Principal	0	0%	4%
Our State Board (or Ministry) of Education	0	0%	0%
Teacher(s) who use the digital content	1	7%	5%
Textbook publisher	1	7%	0%
I don't know	3	20%	22%
Other	3	20%	6%

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

Response	# of Responses	% of Responses	National %
3D Content	0	0%	4%
Animations	5	33%	20%
Electronic book subscriptions	4	27%	30%
Game-based environments	6	40%	16%
Online curriculum	9	60%	31%
Online databases (such as: census data, education statistics)	12	80%	58%
Online periodical, news or journal subscriptions	10	67%	56%
Online subscription service of digital content	9	60%	35%
Online supplemental materials	14	93%	39%
Online textbooks	8	53%	19%
Podcasts or video (such as: iTunes, YouTube, TeacherTube, SchoolTube, etc)	14	93%	38%
Real-time data (such as: population, weather, NASA, GOOGLE earth, GIS, etc.)	10	67%	40%
Simulations	5	33%	11%
Software to help students develop skills (reading, writing, math, foreign language)	12	80%	39%
Software to help students develop higher-order thinking skills	9	60%	26%
Teaching aids	9	60%	33%
Tutorials	11	73%	29%
Virtual field trips	10	67%	31%
Virtual labs	3	20%	9%
I am not recommending digital content to teachers at this time	0	0%	11%
Other	1	7%	2%

11 What are the top five ways you find new digital content to recommend to teachers? (select five)

Response	# of Responses	% of Responses	National %
Ask teachers for recommendations	4	27%	33%

Attend conferences	7	47%	57%
Attend webinars or virtual conferences	7	47%	23%
Conduct Internet search (using Yahoo, Bing, Google etc)	10	67%	55%
Look at the resources students are using	5	33%	25%
Look for resources published by content expert organization (such as: National Science Foundation, universities)	5	33%	26%
Look for resources published by established media or content producer (such as: NBC, Discovery, PBS)	5	33%	31%
Research resources provided by online curriculum company or organization	2	13%	12%
Review journal articles	12	80%	41%
Review recommendations from education membership associations (or organizations)	5	33%	32%
Review recommendations from State Department of Education or Ministry of Education	3	20%	11%
Review recommendations from textbook publishers	2	13%	6%
Review recommendations in education blogs or wikis	4	27%	27%
Search state (or province) portal for resources	2	13%	8%
Through the online communities I'm a member of	3	20%	26%
Use resources recommended by my school district	7	47%	41%
Use Twitter to ask others about the resources they are using	2	13%	3%
This is not part of my current job responsibilities	0	0%	12%
Other	1	7%	2%

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	14	93%	81%
Alignment to curriculum and standards (district, state, national or province)	13	87%	73%
"Buzz" about the resource	1	7%	9%
Cost	12	80%	60%
Credibility of the organization publishing the materials	14	93%	66%
Credibility of the person or organization that referred the resource to me	9	60%	26%
Digital content can be used for basic skills development in a specific subject area	8	53%	32%
Digital content can be used on mobile devices	2	13%	6%
Digital content can be used to develop students' higher order thinking skills	12	80%	43%

Digital content is created by practicing teachers	3	20%	11%
Digital content is highly engaging and interactive	11	73%	50%
Ease of use for teacher and student	14	93%	76%
Evidence of demonstrated student achievement as a result of using the materials	7	47%	35%
Flexibility of the digital content to be used in a variety of instructional settings (in class, afterschool, independent study)	5	33%	34%
Students have the ability to use the digital content at school or home	11	73%	45%
Teachers can use the digital content in a variety of ways (such as whole class instruction, group work, individual projects)	10	67%	48%
Teacher evaluation of digital content	3	20%	25%
The resources can be easily integrated into our digital content library or learning management system	4	27%	21%
I am not involved with recommending digital content	0	0%	11%
Other	1	7%	1%

13 **Besides time, what top three barriers do you face when helping teachers integrate digital content into their lessons? (select three)**

Response	# of Responses	% of Responses	National %
Digital content is not organized in the appropriate scope and sequence	3	23%	10%
Digital content is not provided as part of our textbooks	0	0%	5%
I am unable to locate appropriate digital content aligned to our curriculum	0	0%	4%
I am unable to locate digital content aligned to our state standards	1	8%	2%
I am unsure about copyright issues	0	0%	6%
I don't know how to evaluate the quality of digital content	0	0%	3%
I don’t know how to use digital content to enhance student learning	1	8%	2%
I don't know what resources are available to me	0	0%	6%
Internet access is insufficient to support digital content (such as, streaming video)	1	8%	19%
Lack of computer or Internet access at school (or district)	1	8%	17%
Lack of funding to purchase digital content	6	46%	45%
Locating appropriate types of digital content for specific instructional strategies	1	8%	10%

Locating digital content that enhances learning	2	15%	5%
Reliable, consistent access to digital content	1	8%	15%
School filters and firewalls	6	46%	45%
Students do not have access to computers or the Internet outside of school	6	46%	25%
Teachers are not comfortable incorporating digital content into their lessons	6	46%	33%
Teachers are not interested in incorporating digital content into their lessons	1	8%	14%
The only digital content I can find are lesson plans, worksheets or graphic organizers	0	0%	1%
Too many resources are available -- I'm not sure which ones to select	2	15%	10%
Using digital content to create meaningful learning experiences	1	8%	6%
We don't have a way to manage our digital content	0	0%	3%
We use only the digital content recommended by the school district	0	0%	8%
We have no barriers at this time	0	0%	4%
Other	1	8%	9%

14 **Through the Speak Up survey, we have been asking students to envision a new kind of textbook that would be 100% online. If you had an opportunity to design an online textbook for students, what features would you include? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to make electronic highlights or notes	14	100%	85%
Ability to print from the online textbook	12	86%	72%
Ability to search through the textbook by key terms or events	14	100%	85%
Access to 3D content	5	36%	31%
Access to district or school subscribed services (such as magazines, journals, newspapers, e-books)	6	43%	56%
Access to teacher created podcasts or power point presentations	10	71%	58%
Advanced topics to extend student's learning	8	57%	56%
Animations and simulations to illustrate concepts	11	79%	70%
Calculator	4	29%	42%
Career information aligned to academic topics	1	7%	33%
Chat room with video capability	2	14%	16%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking)	8	57%	47%
Communications tools	8	57%	41%
Dictionary	8	57%	69%

Downloadable mobile learning applications aligned to content	4	29%	26%
Embedded assessments	8	57%	51%
Embedded online classes	5	36%	24%
Games	8	57%	38%
Links to useful websites	12	86%	69%
Online tutors	6	43%	52%
Organization tools	10	71%	47%
Podcasts from subject experts	7	50%	37%
Problem sets that utilized real-time data (such as: population, weather, NASA, earthquakes, Google Earth, etc)	7	50%	44%
Provide problems sets or experiments that students can conduct virtually or in real life	8	57%	43%
Self assessment tools (including quizzes, tests, brain teasers)	10	71%	65%
Self paced tutorials	12	86%	62%
Software tools to help students develop research skills	8	57%	59%
Software tools to help students develop writing skills	8	57%	55%
Software tools that organize and provide learning experiences based on demonstrated competencies	8	57%	38%
Video clips	9	64%	66%
Virtual labs	7	50%	49%
Virtual notebook	6	43%	44%
Virtual reader that could read the text aloud	10	71%	60%
Webcams and video conferencing capabilities	5	36%	29%
I don't think online textbooks are a good idea for students	1	7%	5%
Other	0	0%	3%

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

Response	# of Responses	% of Responses	National %
Attended a face to face conference	9	64%	55%
Created a video or podcast to share with others	10	71%	24%
Found a mentor online	1	7%	5%
Found a website that helped me better understand a topic that interested me	14	100%	79%
Found experts online who could answer my questions	8	57%	34%
Found information on the Internet	14	100%	88%

Listened to podcasts or watched videos about a topic that interested me	14	100%	62%
Participated in a webinar or online conference	9	64%	46%
Posted to a blog	7	50%	39%
Sought help from others through my social networking site	6	43%	30%
Started a wiki or blog to share my ideas and connect me with others	5	36%	20%
Supported teachers (or other colleagues) online	8	57%	40%
Took a self-paced tutorial on a subject	6	43%	33%
Took an online course	9	64%	26%
Took online assessments to test my own knowledge on a subject	6	43%	21%
Took part in an online game or simulation	5	36%	24%
Used a mobile application to learn about a subject that interested me	7	50%	20%
Used online writing tools to improve my own writing	2	14%	7%
Used some cellphone applications to help me with my self-organization	7	50%	33%
Use Twitter to communicate or to follow others	4	29%	13%
Wrote and submitted articles or original writing to an online site	4	29%	6%
None of the above	0	0%	4%
Other	2	14%	2%

16 **Imagine you are designing the ultimate library for 21st century learners. What would the physical space look like? Where would the library be located? What hours would you be open? What types of services and resources would be available to students? Teachers or the community? How would you help students become responsible citizens in our digital world?**

Note:You can print your school or district open-ended responses from the survey print screen. If

17 **Are you . . .**

Response	# of Responses	% of Responses	National %
Female	13	93%	93%
Male	1	7%	7%

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

Response	# of Responses	% of Responses	National %
Associate degree	1	8%	11%
Bachelor degree	8	67%	57%
Masters degree in Education	1	8%	17%

Masters degree in Education (with specialization in library media)	0	0%	13%
Masters degree in Educational/Instructional Technology	0	0%	6%
Masters degree in Learning Technologies	0	0%	0%
Masters degree in Library Science	10	83%	42%
Masters degree in a specialty other than Education	0	0%	5%
Librarian Certification	1	8%	19%
Librarian Media Specialist Certification	5	42%	35%
National Board Certification	0	0%	4%
Teaching Credential	3	25%	28%
Doctorate (PhD, EdD)	1	8%	1%
Other	0	0%	13%

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	0	0%	15%
10-Apr	3	25%	37%
15-Nov	3	25%	17%
16+	6	50%	30%

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 %
Superintendent (District Executive, Asst Superintendent)	1	4%	4%
Principal (include Asst. Principal, Headmaster, Executive Director, etc.)	15	63%	63%
Guidance, Career or Admissions Counselor	0	0%	7%
CTO/CIO/Technology Supervisor	1	4%	1%
Curriculum & Instruction (includes Curriculum Coaches)	1	4%	4%
Instructional Technology Specialists	0	0%	1%
Pupil Services (Case Managers, Social Workers, Special Education, etc)	0	0%	2%
Technology Support Staff (such as: network, hardware, software)	0	0%	1%
Title I Director/Coordinator	0	0%	1%
Administrative or Support Staff	1	4%	10%
Facilities/Transportation	0	0%	0%
School Board Member	0	0%	1%
Other	5	21%	6%

2 **Where do you primarily work?**

Response	# of Responses	% of Responses	National %
School Site	19	83%	87%
District Office	4	17%	13%

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)	12	52%	41%
Smartphone or cell phone (with Internet access such as: Blackberry, Droid or iPhone)	17	74%	57%
Desktop computer	15	65%	80%
Laptop computer	18	78%	82%
Netbook or mini-notebook computer	4	17%	15%
Tablet PC (such as iPad)	5	22%	18%
Digital reader (such as: Kindle, Sony Digital Reader)	3	13%	11%
Handheld digital video camcorder (such as: Flip Camera)	10	43%	33%

Music or video device (such as: MP3 player, iPod or iPod Touch)	12	52%	47%
Video Gaming System (such as: xBox, Playstation, Wii)	7	30%	28%
Hand-held game (such as: GameBoy, Nintendo DS)	5	22%	13%
Other	1	4%	5%

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	10	43%	28%
An average tech user – about the same as my peers	12	52%	66%
A beginner tech user – less developed than my peers	1	4%	6%

5 **As a school leader you are faced with many challenges. Which of these challenges qualify as your top 5 - 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	8	35%	46%
Adherence to curriculum standards (e.g. state, national, provincial)	2	9%	12%
Adequate funding	11	48%	50%
Adequate technology	4	17%	22%
Adequate school facilities	2	9%	13%
Closing the achievement gap	8	35%	40%
Communications with parents	9	39%	25%
Community/business relationships	2	9%	6%
Competing for federal grants	0	0%	3%
Costs associated with instructional materials	1	4%	9%
High school graduation rates	3	13%	14%
Incorporation of 21st century skill development into curriculum	9	39%	18%
ESEA/NCLB Requirements	0	0%	7%
Recruitment and retention of highly qualified teachers	3	13%	15%
School Board governance	1	4%	6%
School safety	4	17%	27%
Selection of effective instructional materials	0	0%	7%
Serving diverse student populations	7	30%	20%
Special education issues and legal compliance	5	22%	21%
Staff morale/motivation	12	52%	39%
Students' behavior/attendance issues	5	22%	31%
Students' college & career readiness	3	13%	10%

Students' health including substance abuse, teen pregnancy, family issues	0	0%	10%
Use of technology within instruction	5	22%	17%
Using data to assess student achievement	6	26%	25%
Using data to evaluate teacher effectiveness	4	17%	15%
Other	1	4%	4%

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 or district? (pick your top 3)**

Response	# of Responses	% of Responses	National %
Aligning local curriculum to the national Common Core standards	2	10%	23%
Creating a virtual school within our district	1	5%	6%
Creating academies focused on career technical education and exploration	2	10%	17%
Developing an "individualized education plan" for every student	7	33%	21%
Developing enhanced leadership skills for our administrators	1	5%	11%
Engaging parents as co-teachers	5	24%	24%
Enhancing teacher effectiveness through professional development or professional learning communities	10	48%	48%
Expanding charter school options	1	5%	2%
Extending learning opportunities for students through mobile learning initiatives	0	0%	10%
Implementing performance-based pay for teachers	2	10%	7%
Improving pre-service teacher preparation programs	0	0%	9%
Increasing career exploration opportunities for students in science, technology, engineering and math	1	5%	17%
Increasing student access in Advanced Placement courses in high school	1	5%	6%
Increasing the length of the school day	1	5%	6%
Increasing the length of the school year	4	19%	10%
Integrating 21st century skills into the curriculum	7	33%	36%
Leveraging technology more effectively to support the seamless integration of learning in and out-of-school.	7	33%	22%
Offering a wide range of online courses to increase students' learning alternatives	2	10%	9%

Replacing traditional textbooks with digital textbooks	3	14%	9%
Utilizing assessments for measuring 21st century competencies	3	14%	11%
Utilizing longitudinal data systems to better track student learning performance and college/career readiness.	2	10%	13%
Other	2	10%	5%

7 **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	11	52%	52%
Important	7	33%	38%
Somewhat Important	2	10%	8%
Not Important	1	5%	1%
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 your district (or school) right now? (select your top five issues)**

Response	# of Responses	% of Responses	National %
Acceptable use policies for technology	1	5%	11%
Assessment of students' technology skills	3	14%	14%
Availability of technology for students' use at school	4	19%	51%
Communication tools for connecting with parents	2	10%	19%
Communication tools within my school/district	1	5%	5%
Connecting devices owned by students or teachers to the network	3	14%	15%
Creating a longitudinal data system to evaluate teacher or student performance	6	29%	16%
Data collection and reporting requirements	4	19%	17%
Data integrity	3	14%	11%
Data warehousing and systems	1	5%	9%
Determining appropriate technology solutions	5	24%	18%
Digital equity issues (student access to technology & Internet at home)	4	19%	30%
Establishing online assessments (e-portfolios)	2	10%	11%
Evaluating emerging technologies for classroom use	8	38%	26%
Implementation of a learning management system	0	0%	8%
Incompatible mix of systems and software	3	14%	8%
Incorporating students' mobile devices into instruction	3	14%	15%

Internet capacity for multi-media and digital content	5	24%	10%
School or district filters or firewalls	4	19%	15%
School or district website or portal	2	10%	5%
Selecting quality digital content or online curriculum	2	10%	13%
Setting up and managing online classes	2	10%	7%
Setting up a virtual school	1	5%	4%
Speed and accessibility of the school/district network	1	5%	17%
Staff professional development	13	62%	47%
Student safety online	3	14%	19%
Technology support	4	19%	31%
Other	2	10%	5%

9 **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	20	100%	99%
Conduct Internet research	19	95%	90%
Create and upload videos, music or pictures	13	65%	55%
Create multi-media presentations	14	70%	67%
Listen to podcasts, watch videos or view presentations	17	85%	66%
Participate in professional online communities	12	60%	48%
Participate in webinars or video conferences	17	85%	66%
Read or post blog or wiki entries	10	50%	34%
Read text-based resources (such as: electronic textbooks, newspapers, magazines, digital archives, digital libraries)	18	90%	64%
Share information with other administrators and staff via district portal	10	50%	53%
Take an online class	9	45%	36%
Update my profile on a social networking site (LinkedIn, Facebook, MySpace)	7	35%	29%
Use desktop widgets	4	20%	12%
Use Twitter to communicate or follow others	3	15%	8%
None of the above	0	0%	0%

10 **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? (check all that apply)**

Response	# of Responses	% of Responses	National %
Attended a face to face conference	15	71%	64%

Created a video or podcast to share my knowledge with others	4	19%	11%
Found an online mentor	1	5%	3%
Found experts online who could answer my questions	8	38%	35%
Found information on the Internet to support my development	16	76%	71%
Listened to podcasts or watched videos about a topic I was interested in	15	71%	51%
Participated in a webinar or online conference	15	71%	50%
Posted to a blog	4	19%	20%
Provided online support to other administrators	7	33%	25%
Sought help through an online community, chat or discussion board	6	29%	23%
Sought help from other administrators through my social networking site	5	24%	13%
Started a wiki or blog to share my ideas and connect with others	1	5%	8%
Took a self-paced tutorial on a subject	8	38%	23%
Took an online course	3	14%	21%
Took online assessments to test my own knowledge on a subject	5	24%	19%
Used online writing tools to improve my own writing	2	10%	9%
Took part in an online game or simulation about leadership	1	5%	4%
Used a mobile application to learn about a subject that interested me	6	29%	23%
Used some cellphone applications to keep better organized	9	43%	49%
Used Twitter to communicate or follow others	2	10%	8%
Wrote and submitted articles or original writings to an online site	3	14%	5%
None of the above	0	0%	3%
Other	0	0%	2%

11 **Today students have access to mobile devices that are small, light enough to carry in one hand and provide a high degree of multi-functionality. Teachers and students are exploring how to use these devices for learning. What do you think would be the primary benefits of mobile devices in instruction? (check all that apply)**

Response	# of Responses	% of Responses	National %
Improves teacher skills with technology	8	40%	51%
Improves teacher-parent-student communications	8	40%	60%

Increases student engagement in school and learning	16	80%	84%
Increases teacher productivity	7	35%	41%
Provides a way for instruction to be personalized for each student	11	55%	64%
Provides a way to create a learning centered environment	8	40%	49%
Provides access to online textbooks	11	55%	56%
Provides opportunities for informal remediation	10	50%	49%
Provides ways for students to informally review classroom material	11	55%	50%
Students develop collaboration and teamwork skills	16	80%	48%
Students develop critical thinking and problem solving skills	10	50%	50%
Students develop stronger communications skills	8	40%	43%
These devices help to extend learning beyond the school day	13	65%	66%
I don't think these devices will positively impact learning	1	5%	4%
No significant benefit	0	0%	3%
Other	1	5%	2%

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

Response	# of Responses	% of Responses	National %
Ability to provide network connectivity	5	26%	34%
Absence of best practices and role models	8	42%	35%
Challenges associated with the variety of hardware and software products	7	37%	36%
Community reaction and support	5	26%	15%
Concerns about network security	9	47%	54%
Concerns about theft of the devices at school	6	32%	54%
Current district policies about using cell phones in school	8	42%	56%
Devices could be a distraction from the core learning process	11	58%	49%
Digital equity issues (student access to technology & Internet at home)	7	37%	46%
Implementing effective acceptable use policies	7	37%	28%
Internet safety concerns and district liabilities	10	53%	48%
Lack of specific curriculum to support the devices	9	47%	40%
Parental reaction and support	5	26%	18%
Policies on software licenses and usage	3	16%	22%
Teachers are not trained in how to use mobile devices within learning	13	68%	57%

It is the responsibility of the school/district to provide technology for student use	1	5%	12%
We currently allow students to use their mobile devices to support for instructional purposes in our school/district.	3	16%	6%
Other	1	5%	5%

13 **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	0	0%	9%
Likely	5	25%	11%
Not likely	7	35%	29%
Very unlikely	5	25%	34%
No opinion	0	0%	6%
Unsure	1	5%	8%
We currently allow students to use their own mobile devices for instructional purposes at school.	2	10%	3%

14 **Who is your primary audience for online classes in your district (or school)?**

Response	# of Responses	% of Responses	National %
Administrators	5	26%	37%
Classified staff	1	5%	13%
Classoom teachers/Paraprofessionals	8	42%	54%
Community adult education	0	0%	6%
Librarians/Media Specialists	1	5%	15%
Parents	0	0%	4%
Students	7	37%	39%
Students schooled at home	2	11%	12%
At-risk students in traditional school settings	4	21%	16%
Students in continuation or alternative high schools	6	32%	17%
Students in GED programs	1	5%	7%
Other	3	16%	6%

15 **What are the primary ways your district (or school) implements online classes for students?**

Response	# of Responses	% of Responses	National %
100% online classes taught by teachers from our district (or school)	2	11%	12%
100% online classes taught by teachers from other districts, schools or organizations	2	11%	9%
100% online classes self-directed by students	1	6%	6%

Blended online courses -- students participate in both traditional and online environments	5	28%	25%
Web assisted courses -- students attend a traditional class and use online materials	5	28%	14%
We offer a full online curriculum (virtual school)	2	11%	8%
We offer an online curriculum that is supplemental to our traditional curriculum	6	33%	16%
We are not providing online classes at this time, but we are interested	1	6%	23%
We do not have a need to implement online classes	1	6%	10%
Other	3	17%	10%

16 **What are the top 5 priorities you are addressing by offering online classes to students? (select top 5)**

Response	# of Responses	% of Responses	National %
Eliminate costs associated with textbooks	1	6%	12%
Increase English proficiency	0	0%	5%
Increase graduation rates	6	38%	33%
Increase student participation in AP courses	2	13%	12%
Keep students engaged in school	6	38%	37%
Offer academic remediation to students	4	25%	33%
Offer afterschool enrichment programs	0	0%	12%
Offer dual-enrollment courses to students	3	19%	16%
Offer instruction for homebound students (e.g. illness, health or behavioral reasons)	2	13%	16%
Offer scheduling alternatives for students	8	50%	27%
Provide advanced coursework	3	19%	16%
Provide career technical education courses	0	0%	3%
Provide classes in "hard-to-staff" areas	3	19%	12%
Provide consistent curriculum to all our students	0	0%	5%
Provide electives to students	3	19%	12%
Provide more personalized instruction to students	0	0%	10%
Provide programs for at-risk students	4	25%	23%
Provide programs for gifted students	0	0%	9%
Provide remediation services to students (including credit recovery)	6	38%	22%
Provide standards-based curriculum to home-schooled students	0	0%	4%
Provide tutoring services to students	0	0%	7%
Reduce overcrowding in schools	2	13%	2%
Reduce transportation costs	0	0%	2%
We do not offer online classes to students at this time	2	13%	29%
Other	2	13%	5%

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

Response	# of Responses	% of Responses	National %
Appropriate teacher compensation	2	13%	16%
Availability of standards-aligned online curriculum	1	6%	17%
Concerned about the quality of the student-teacher interaction online	7	44%	31%
Creating online courses that are academically rigorous	3	19%	28%
District revenue is lost when we teach online courses	1	6%	7%
Evaluating the quality of online courses or curriculum	5	31%	26%
Inadequate expertise to create academically rigorous online courses	3	19%	18%
Inadequate technology or support	2	13%	23%
Limited funding available for implementing online courses	2	13%	30%
Locating the appropriate online curriculum from outside providers	0	0%	14%
Online learning is not a funding priority in our district	2	13%	14%
Parents are reluctant to let their child(ren) take online classes	1	6%	6%
Principals are reluctant to implement online classes	0	0%	5%
Problems adding online courses to the class schedule	1	6%	9%
Students are not interested in taking classes online	0	0%	3%
Students do not have access to Internet connected computers	0	0%	16%
The cost students would have to pay for the online course	1	6%	13%
Teachers are not comfortable teaching online classes	2	13%	14%
Teachers are not comfortable using tools for teaching online classes	3	19%	13%
Teachers are reluctant to teach online classes	4	25%	12%
Policies prevent us from staffing our online courses with qualified teachers from other states	0	0%	2%
We do not see the value of teaching online classes	1	6%	5%
No barriers	2	13%	11%
Other	2	13%	11%

18 **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)	7	44%	78%
Aligned to iNACOL National Standards of Quality for Online Courses	1	6%	17%
Cost	5	31%	52%
Developed by classroom teacher(s)or curriculum specialists	5	31%	42%
Developed by an organization with expertise in the field	5	31%	20%
Developed by instructional designers	1	6%	14%
Developed by online curriculum company	0	0%	6%
Ease of use for students and teachers	8	50%	63%
Includes embedded assessments	4	25%	40%
Integrates digital content	3	19%	20%
Online course used by schools/districts similar to my own	2	13%	15%
Online course used by virtual school	2	13%	7%
Recommended by my colleagues	1	6%	13%
Recommended by professional organizations, State Department of Education or Ministry of Education	4	25%	21%
Student achievement results after taking the course	10	63%	54%
Students can use a variety of hardware/software platforms	1	6%	20%
Student completion rates for the course	7	44%	36%
Other	2	13%	5%

19 **How is your district (or school) using technology to create professional learning communities? (check all that apply)**

Response	# of Responses	% of Responses	National %
"Best-practices" are shared through blogs, wikis, podcasts or videos	7	44%	45%
District training is provided through online courses	3	19%	31%
Mentors use online tools to facilitate collaboration between teachers district-wide	5	31%	22%
Shared documents and note-taking for collaborative professional work	8	50%	49%
Student achievement data is electronically available to teachers or principals	13	81%	70%
Teachers can take online graduate level courses	5	31%	31%
Teachers use online tools to collaborate with peers outside of the district	6	38%	31%

Teaching resources are provided in a searchable, centralized repository	3	19%	24%
Teaching tips are shared through podcasts, webinars or videos	4	25%	27%
Teachers videoconference with other professionals (teachers, education experts, business professionals, professors, etc.)	3	19%	15%
Using digital readers (such as a Kindle) to share books on best practice	3	19%	4%
Other	0	0%	4%

20 **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? (check all that apply)**

Response	# of Responses	% of Responses	National %
Create and utilize video or podcasts within a lesson	12	75%	56%
Incorporate digital content in a lesson	15	94%	73%
Know how to effectively use technology to communicate with parents and students	15	94%	83%
Know how to use virtual or online games to teach	9	56%	40%
Know how to incorporate adaptive learning software into their instruction	12	75%	56%
Know how to incorporate mobile applications into instruction	10	63%	44%
Know how to use social networking sites to teach	8	50%	28%
Know how to incorporate students' mobile devices into instruction	8	50%	43%
Know how to use technology to create authentic learning experiences for students	16	100%	79%
Know how to use technology to facilitate student collaboration	16	100%	71%
Know how to locate and use electronic teaching aids (such as: lesson plans, assessment tools, videos, intervention strategies, test-prep software, web	14	88%	71%
Know how to use electronic productivity tools (such as: grade books, learning management systems, word processing, spreadsheets etc)	14	88%	69%
Know how to incorporate Internet based tools or applications (Web 2.0) into instruction	13	81%	57%
Participate in an online class	9	56%	34%
Participate in an online professional learning community	11	69%	41%
Teach an online class	8	50%	16%

Use technology to differentiate instruction	12	75%	67%
None of the above	0	0%	1%
Other	0	0%	1%

21 **Many districts are evaluating how to effectively leverage digital content within instruction. What would be the primary benefits of using digital content for instruction within your school or district? (check all that apply)**

Response	# of Responses	% of Responses	National %
Cost savings	8	57%	46%
Decreases dependence on textbook publishers	6	43%	51%
Differentiates our school (district) as innovative in the use of technology	10	71%	47%
Helps to extend learning beyond the school day	11	79%	64%
Improves quality of instructional materials	8	57%	48%
Improves teacher productivity	6	43%	36%
Improves teacher skills with technology	10	71%	52%
Increases relevancy of the instructional materials	11	79%	50%
Increases student engagement in school and learning	13	93%	72%
Makes use of the technology that we have in the classrooms or media labs	7	50%	39%
Prepares students for the world of work	11	79%	62%
Provides a way for instruction to be personalized for each student	9	64%	49%
We are currently not using any digital content in our school (district) at this time	0	0%	5%
Other	1	7%	2%

22 **What top 3 barriers do you face integrating digital content into your curriculum?**

Response	# of Responses	% of Responses	National %
Concerned about the legal use policies and Internet safety issues around digital content	2	14%	26%
Evaluating the quality of the digital content	3	21%	35%
Locating appropriate free digital content aligned to our curriculum	0	0%	28%
Managing student and teacher subscription-based content in and out of school	0	0%	13%
Our current textbook vendors do not offer any digital content within our contract	1	7%	3%
Our teachers are not trained on how to incorporate digital content effectively	8	57%	43%
Providing enough computers/devices with Internet access for students to use digital content	2	14%	47%

Unable to purchase digital content with our instructional materials funding	1	7%	12%
We do not currently have a district policy to provide guidance to our teachers about digital content usage	0	0%	7%
We do not have discretionary funds to purchase digital content	1	7%	15%
We do not have the funds to purchase digital content	2	14%	23%
We do not have the staff capacity to identify or create digital content that meet our standards	2	14%	11%
We have other higher priorities than integrating digital resources into our curriculum	0	0%	8%
We are not using any digital content or resources in our school (district) at this time	0	0%	4%
No barriers	3	21%	6%
Other	1	7%	3%

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

Response	# of Responses	% of Responses	National %
Certified by education membership associations and organizations	5	36%	36%
Compiled on a list by our State Department of Education or Ministry of Education	1	7%	34%
Content is fee-based	0	0%	6%
Content is free	3	21%	32%
It is an "Open Education Resource"	3	21%	21%
Learn about it on a webinar or virtual conference	0	0%	10%
Materials are created by practicing teachers	5	36%	40%
Recommended on education blogs and websites	1	7%	16%
Referred by a colleague	3	21%	23%
See a demonstration at a face to face conference	1	7%	33%
Source is a professional digital resource company or organization	0	0%	16%
Sources are established media/content producers (such as: NBC, Discovery, PBS)	1	7%	21%
Source is a content expert organization (such as: National Science Foundation, universities)	2	14%	30%
Student achievement with the materials	7	50%	61%
Teacher evaluation of the materials	6	43%	52%
Textbook publisher recommendations	0	0%	5%
Other	2	14%	3%

24 **When you think about integrating digital content into your curriculum, which of these tools has the greatest potential to enhance students' 21st century skills and scientific literacy?**

Response	# of Responses	% of Responses	National %
Animations to help students visualize difficult concepts	8	62%	54%
Interactive simluations that allow students to use their scientific knowledge	12	92%	77%
Online games or virtual environments with embedded content	8	62%	43%
Interactive online textbooks linked to up-to-date content	9	69%	56%
PodCasts or Videos from content experts	8	62%	42%
Using data collection, measurement and analysis tools	7	54%	52%
Use of real-time data (such as: population, weather, NASA, GOOGLE Earth, GIS etc)	12	92%	61%
Virtual field trips	8	62%	57%
Virtual labs	7	54%	48%
Other	0	0%	1%

25 **Which of these Internet based tools or applications (Web 2.0) do you use for your personal interests? (check all that apply)**

Response	# of Responses	% of Responses	National %
Communicate with others through discussion boards, social networking sites or chat	8	62%	52%
Communicate with others through email, IM or text messaging	13	100%	92%
Contribute to a wiki (such as Wikipedia)	3	23%	15%
Create a list of resources I want to remember or share (such as del.icio.us, digg, diigo, reddit)	2	15%	20%
Create new work using pre-existing text, graphics, audio, video or animation (Mashup)	1	8%	21%
Participate in online games or 3D virtual reality environments (such as Second Life)	2	15%	11%
Take an online class	4	31%	33%
Update my profile (MySpace, Facebook, LinkedIn)	9	69%	44%
Upload or download videos, podcasts or photos to/from the Internet	8	62%	56%
Use Twitter to communicate or follow others	4	31%	11%
Use web tools to create or modify and upload videos, music, audio or animation	4	31%	31%

Use web tools that notify me about things I'm interested in (such as: news or magazine articles, changes to websites)	9	69%	38%
Write collaboratively with others (such as: GOOGLE docs, writeboard or letterpop)	4	31%	21%
Write or contribute to a blog (my own or someone else's)	3	23%	14%
None of the above	0	0%	2%
Other	0	0%	1%

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

Response	# of Responses	% of Responses	National %
Strongly agree	2	17%	18%
Agree	9	75%	56%
Disagree	1	8%	17%
Strongly disagree	0	0%	4%
No opinion	0	0%	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	12	92%	76%
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	1	8%	25%
Collaboration tools (such as: blogs, social networking sites, wikis, bookmarking, etc.)	8	62%	45%
Computer projection devices	9	69%	63%
Digital media tools (such as: video, audio)	8	62%	64%
Digital readers (such as: Kindle, Sony Digital Reader)	4	31%	47%
Digital content (such as: databases, animations, videos, etc.)	10	77%	53%
Document camera (such as: ELMO)	8	62%	56%
Electronic portfolios for students	6	46%	56%
Email tools	9	69%	50%
Games or virtual simulations	4	31%	38%
Handheld digital video camcorder (Flip Camera)	6	46%	39%
Handheld student response systems	4	31%	54%
Instant messaging and text messaging tools	2	15%	27%

Interactive whiteboards (such as Smartboard, Polyvision)	10	77%	68%
Learning management systems (such as: Blackboard, Moodle, Angel)	6	46%	42%
Mobile computer for every student (such as: laptop, mini-notebook)	10	77%	61%
Mobile devices (cell phones, smartphones, or MP3 players)	3	23%	35%
Online classes	7	54%	39%
Online textbooks	6	46%	54%
Online tutors	6	46%	44%
Providing students the ability to use their own mobile devices	4	31%	35%
School portal or website	6	46%	42%
Simulations	5	38%	35%
Tablet PC (such as: iPad)	6	46%	41%
Tools to help students and teachers organize their work (such as: communication, organize assignments, take notes)	6	46%	48%
Video conferences or webinars	7	54%	37%
Virtual or online whiteboard	6	46%	34%
Virtual reality games or environments	3	23%	23%
Webcam	7	54%	29%
Wireless microphone system for the teacher	5	38%	31%
Other	0	0%	1%

28 **Within the past year, several new visions of the future have been proposed regarding education and the use of technology. Speak Up added to that discussion by promoting the student vision of "social-based, un-tethered and digitally-rich learning." Which aspect of that student vision do you think could have the greatest impact on student achievement? Tell us how your school or district is currently using technology to implement social-based, un-tethered or digitally-rich learning (or your plans**

Note:You can print your school or district open-ended responses from the survey print screen. If

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	3	21%	16%
10-Apr	3	21%	44%
15-Nov	4	29%	18%
16+	4	29%	23%

30 **Are you . . .**

Response	# of Responses	% of Responses	National %
Female	8	50%	66%
Male	8	50%	34%

31 **Highest level of educational attainment**

Response	# of Responses	% of Responses	National %
Bachelor's degree	2	13%	5%
Master's degree in education	8	50%	65%
Master's degree other than education	1	6%	9%
Teaching certificate - elementary/multiple subject	0	0%	1%
Teaching certificate - single subject	0	0%	0%
Doctorate degree (EdD, PhD)	2	13%	10%
Other	3	19%	10%

State: MI

Results based on 8 survey(s).

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

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

Response	# of Responses	% of Responses	National %
Chief Information Officer	0	0%	1%
Chief Technology Officer	1	13%	1%
Director of Educational or Instructional Technlogy	2	25%	6%
District IT Director	0	0%	4%
Technology Director	0	0%	6%
Technology Coordinator	0	0%	21%
Instructional Technology Coach	0	0%	26%
Technology Operations Manager	0	0%	1%
Technical Support Manager or Administrator	1	13%	9%
Tech Support Services	2	25%	9%
Other	2	25%	16%

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

Response	# of Responses	% of Responses	National %
School Site	3	38%	71%
District Office	5	63%	29%

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	6	75%	75%
An average tech user – about the same as my peers	2	25%	24%
A beginner tech user – less developed than my peers	0	0%	1%

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

Response	# of Responses	% of Responses	National %
Connecting student-owned or teacher-owned mobile devices to the network	1	13%	17%
Creating a longitudinal data system to evaluate teacher or student performance	2	25%	14%
Creating effective acceptable use policies for technology	1	13%	10%
Creating an effective disaster recovery plan	1	13%	8%

Determining the return on our investments in technology	2	25%	17%
Effectively managing the network enterprise	3	38%	17%
Ensuring federal and state compliance	0	0%	8%
Ensuring students are safe online	0	0%	22%
Evaluating emerging technologies for instructional use	2	25%	33%
Identifying and selecting appropriate instructional technology	2	25%	33%
Implementing a learning management system	0	0%	10%
Implementing tools to support effective communications with parents	3	38%	10%
Implementing tools to support internal communications	2	25%	5%
Managing digital content assets	1	13%	7%
Managing an incompatible mix of hardware and software	0	0%	14%
Managing and archiving e-portfolios	0	0%	6%
Managing the district (or school) websites	0	0%	12%
Managing the district intranet (including software upgrades, virus protection, etc)	0	0%	15%
Providing administrators with meaningful data to support their decision making	2	25%	12%
Providing appropriate Internet filtering	3	38%	10%
Providing professional development regarding the use of productivity tools	2	25%	25%
Providing professional development regarding the use of technology for instruction	4	50%	47%
Providing sufficient server capacity to support instructional requirements	2	25%	13%
Providing students with access to technology and the Internet at school	2	25%	18%
Providing students with access to the Internet beyond the school day	1	13%	19%
Providing sufficient Internet capacity to support multi-media or digital content	1	13%	19%
Providing teachers with meaningful student data they can use in their classroom	1	13%	13%
Providing technology support to administrative or classified staff	1	13%	19%
Providing technology support to teachers	2	25%	44%
Selecting and managing quality digital content or online curriculum	1	13%	11%
Setting up and managing online classes	0	0%	7%
Speed and accessibility of the school/district network	1	13%	22%
Supporting online textbooks	0	0%	10%

Other	1	13%	7%

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

Response	# of Responses	% of Responses	National %
Attended a face to face conference	6	75%	59%
Created a video or podcast to share my knowledge with others	3	38%	29%
Found an online mentor	3	38%	6%
Found experts online who could answer my questions	6	75%	56%
Found information on the Internet to support my development	6	75%	75%
Listened to podcasts or watched videos about a topic that interested me	5	63%	66%
Participated in a webinar or online conference	6	75%	67%
Posted to a blog	5	63%	36%
Provided online support to other technology administrators	5	63%	35%
Sought help from other technology administrators through my social networking site	3	38%	32%
Sought help through an online community, chat or discussion board	6	75%	43%
Started a wiki or blog to share my ideas and connect with others	4	50%	21%
Took a self-paced tutorial on a subject	6	75%	45%
Took an online course	5	63%	34%
Took online assessments to test my own knowledge on a subject	5	63%	25%
Took part in an online game or simulation about leadership	2	25%	6%
Used a mobile application to learn about a subject that interested me	4	50%	33%
Used online writing tools to improve my own writing	0	0%	11%
Used some cellphone applications to keep better organized	6	75%	48%
Used Twitter to communicate or follow others	3	38%	24%
Wrote and submitted articles or original writings to an online site	1	13%	8%
None of the above	0	0%	2%
Other	0	0%	4%

6 **Which of these statements is true about your district's (or school's) education technology plan? (select one)**

Response	# of Responses	% of Responses	National %
We review and revise our instructional technology plan annually	1	25%	47%
We review and revise our instructional technology plan every 3 years	2	50%	23%
We review and revise our instructional technology plan every 5 years	0	0%	7%
We currently do not have an instructional technology plan	0	0%	3%
We are in the process of creating an instructional technology plan	0	0%	5%
We have an instructional technology plan but it does not guide our technology decisions	1	25%	6%
We have an instructional technology plan in name only	0	0%	4%
Other	0	0%	5%

7 **Many technology leaders are implementing a variety of technology initiatives to drive student achievement or enhance productivity. Which of these initiatives are you currently implementing in your district (or school)? (check all that apply)**

Response	# of Responses	% of Responses	National %
1:1 laptop or netbook initiative	0	0%	31%
Cloud computing applications or services	3	75%	33%
Connecting student-owned or teacher-owned mobile devices to the network	2	50%	28%
Creating a centralized teacher portal for curriculum and digital content	0	0%	39%
Implementing digital or e-textbooks	1	25%	24%
Integrating social media tools (including social networking) into instruction	2	50%	26%
Mobile device initiative (such as iPod, iTouch, or smart phones)	2	50%	35%
Online learning for students	3	75%	62%
Online professional development or Professional Learning Communities for teachers	2	50%	48%
Parent portal	2	50%	53%
Providing real-time classroom assessment tools for teachers	2	50%	35%
Providing tools for teachers to connect student achievement data in their instructional practice	4	100%	46%
Tablet PC initiative (such as: iPad or similar)	0	0%	22%
Other	0	0%	5%

8 **As you think about how to use technology to transform teaching and learning, which tools are you most likely to recommend to your administrators and teachers? (check all that apply)**

Response	# of Responses	% of Responses	National %
Adaptive learning software which adjusts levels of difficulty and content to address students needs	1	25%	52%
Communications tools (such as: email, IM or text messaging)	2	50%	50%
Computers (such as: laptops, mini-notebook) for every student	2	50%	65%
Digital content (such as: databases, electronic books, animations, videos etc)	2	50%	59%
Gaming, simulations, virtual reality or 3D content	1	25%	27%
Mobile devices (iPads, smart phones, iTouch, iPod) for every student	1	25%	48%
Online textbooks	2	50%	32%
School-based "technology toolkits" that include a variety of computers or mobile devices	2	50%	37%
Social media tools (such as: blogs, social networking sites, wikis, bookmarking)	3	75%	45%
Technology to facilitate classroom instruction, such as: student response systems, document camera (such as: ELMO), interactive whiteboards or compute	3	75%	81%
Tools to facilitate collaboration with people outside of school (webcams, videoconferences, webinars, virtual or online whiteboards)	3	75%	57%
Utilize student-owned devices for instruction	2	50%	27%
Other	0	0%	2%

9 **Within the next 1-2 years, how likely is your district (or school) to utilize cloud computing applications or services? (select one)**

Response	# of Responses	% of Responses	National %
Very likely	4	100%	22%
Likely	0	0%	23%
Not likely	0	0%	8%
Very unlikely	0	0%	5%
No opinion	0	0%	5%
Unsure	0	0%	28%
We are already deploying cloud computing applications or services	0	0%	10%

10 **Concerning curriculum and instruction, which applications or services would you consider moving to cloud computing? (check all that apply)**

Response	# of Responses	% of Responses	National %
Collaboration tools	3	75%	61%
Digital content library (or portal)	2	50%	45%
Digital media tools	0	0%	38%
Digital/Video storage (e.g. podmatic, youtube, teachertube, teacher/student created content)	3	75%	47%
Email	3	75%	43%
File storage	2	50%	46%
Gradebook	3	75%	38%
Help desk materials	3	75%	32%
Learning Management System	1	25%	28%
Online courses	3	75%	45%
Online curriculum portal or repository	2	50%	28%
Online textbooks	4	100%	49%
Internet filters	1	25%	16%
Parent portal	4	100%	35%
Presentation, Word Processing, Spreadsheet applications (such as: GOOGLE Docs™)	3	75%	57%
School notification system (such as: School Messenger)	2	50%	32%
School portal (such as: School Loop, EdLine)	0	0%	21%
Social networking tools (e.g. blogs, wikis)	3	75%	39%
Student information system (such as: grades, attendance records, IEP, medical records, emergency contact info etc)	2	50%	29%
Student achievement data	1	25%	21%
Student portfolios	0	0%	33%
Video Streaming (such as: United Streaming, Discovery)	4	100%	51%
Other	0	0%	5%

11 **How does your district (or school) primarily use technology to communicate with parents? (select one)**

Response	# of Responses	% of Responses	National %
We communicate with parents through a district-wide parent portal (e.g. Edline, School Loop)	0	0%	15%
We communicate with parents through automated or broadcast phone messages	1	25%	19%
We communicate with parents through email or listservs	0	0%	6%

We communicate with parents through personal emails or phone calls.	1	25%	13%
We communicate with parents through school-based websites	0	0%	16%
We communicate with parents through social media tools (such as: blogs, wikis, Twitter)	1	25%	2%
We communicate with parents through text messaging	0	0%	1%
Parents have the option to select their preferred method of communications	0	0%	7%
All of the above	0	0%	16%
None of the above	0	0%	1%
Other	1	25%	4%

12 **If you currently provide a parent portal, what information is available to parents on the portal? (check all that apply)**

Response	# of Responses	% of Responses	National %
Ability to customize their profile (such as where to send emergency notifications, special alerts about missing homework, absence)	0	0%	24%
Curriculum materials, online textbooks, teacher created materials (such as videos, Power Points, podcasts)	0	0%	18%
General school information (such as calendars, news, upcoming events, notifications, volunteer opportunities, email addresses for teachers or administ	2	50%	54%
Online assessment tools and resources	0	0%	10%
Online resources for parents (such as classes or tips/techniques to help their child be successful, prepare for college, explore careers, find scholar	0	0%	21%
Student information about student grades, attendance, homework assignments, classroom activities, projects, upcoming events or tests	3	75%	60%
Tools to facilitate collaboration and communication between students, parents and teachers	1	25%	21%
Tools to facilitate communication and collaboration with other parents	0	0%	7%
Tools to help parents compare their child's achievement to school, district or state measures	0	0%	8%
We don't currently provide a parent portal	1	25%	17%
I don't know that is not my area of responsibility	0	0%	10%
Other	0	0%	2%

13 **Which of the following statements, best describes the degree to which digital content is used within your district's (or school's) curriculum. (select one)**

Response	# of Responses	% of Responses	National %
Our curriculum has textbooks as the primary instructional resource	1	25%	22%
Our curriculum includes textbooks and digital content recommended by the textbook publisher	0	0%	19%
Our curriculum includes textbooks and digital content recommendations from the publisher and district	1	25%	12%
Our curriculum includes textbooks and an array of digital content that is used to supplement the textbook content (including content that curriculum s	2	50%	43%
Our curriculum has digital content as the primary instructional resource (printed textbooks have not been adopted or are not provided)	0	0%	2%
Other	0	0%	2%

14 **What top three barriers do you face supporting the use of digital curriculum in your district (or school)? (select three)**

Response	# of Responses	% of Responses	National %
Concerns about the legal use policies and Internet safety issues around digital content	0	0%	18%
Evaluating the quality of the digital content	1	25%	22%
Lack of funds to purchase digital content	4	100%	50%
Lack of server capacity to archive or manage digital content	0	0%	20%
Locating appropriate free digital content aligned to our curriculum	1	25%	20%
Managing student and teacher subscription-based resources in and out of school	0	0%	10%
Our current textbook vendors do not offer any digital content with our contract	1	25%	3%
Providing adequate Internet access for students to use digital content	0	0%	21%
Providing enough computers/Internet connected devices for students to use digital content	2	50%	46%
Setting up appropriate filtering so that digital content can be accessed in the classroom	1	25%	7%
Teachers lack experience incorporating digital content effectively	2	50%	45%

Unable to purchase digital content with our instructional materials funding	0	0%	10%
We do not have a centralized way for managing or sharing digital content	0	0%	8%
We do not have a district policy regarding the use of digital content	0	0%	4%
We do not have an effective way to manage the digital content	0	0%	5%
We do not have the staff capacity to identify or create digital content to meet our standards	0	0%	10%
We have other higher priorities than integrating digital content into our curriculum	1	25%	6%
We are not using any digital content or resources in our district (or school) at this time	0	0%	1%
We have not explored this issue	0	0%	3%
No barriers	0	0%	2%
Other	0	0%	4%

15 **Which of these statements best describes how your district is currently (or will) approach mobile learning within the next year? (select one)**

Response	# of Responses	% of Responses	National %
Implement a one-to-one laptop initiative	0	0%	12%
Standardize on a wifi device and the district will provide students with devices (iPod, iTouch, iPad, Netbook)	0	0%	10%
Standardize on a smart phone and the district will provide students with devices (Droid, iPhones, etc)	0	0%	0%
“BYOT” (bring your own technology) - students will provide their own devices (smart phones, wifi devices, netbooks, Nintendo ds etc)	1	25%	4%
Blended approach depending upon grade level – the district will support devices provided by the district or students	1	25%	20%
Not sure which approach to follow but we are interested in mobile learning	1	25%	38%
Not interested in mobile learning at this time	0	0%	10%
Other	1	25%	6%

16 **Today students have access to mobile devices that are small, light enough to carry in one hand and provide a high degree of multi-functionality. Teachers and students are exploring how to use these devices for learning; how might the use of mobile devices support your goals? (check all that apply)**

Response	# of Responses	% of Responses	National %
Leverages our ability to provide students with computers	3	75%	48%
Minimizes technology expenses	3	75%	53%
Provides access to online textbooks	1	25%	47%
Provides opportunity to achieve 1:1 initiative	3	75%	49%
Provides tools to facilitate communications between teachers-parents-students	3	75%	52%
Reduces our hardware support requirements – because it becomes the parents' responsibility	2	50%	29%
We can focus on providing strategic network solutions that will work across a variety of platforms	2	50%	26%
We will be better able to utilize our scarce resources	0	0%	31%
The use of mobile devices will not support our goals	1	25%	10%
Other	0	0%	5%

17 **What challenges would you face allowing students to use their own mobile devices for instructional purposes in your district? (check all that apply)**

Response	# of Responses	% of Responses	National %
Developing staff capacity to support a variety of hardware and software platforms	2	50%	58%
Ensuring all students have affordable access to computers and the Internet	2	50%	59%
Ensuring our network is secure	2	50%	67%
Identifying appropriate curriculum for use with mobile devices	3	75%	55%
Implementing effective acceptable use policies	0	0%	54%
Increasing Internet bandwidth to support media-rich curriculum	1	25%	44%
Increasing Internet bandwidth to support mobile devices	1	25%	45%
Managing and supporting a variety of hardware and software platforms	3	75%	51%
Managing the curriculum or class assignments across multiple hardware platforms	3	75%	39%
Managing the network demands of instructional vs. business applications	2	50%	21%
Managing filters and firewalls	2	50%	45%
Paying software licensing fees for all students	2	50%	47%
Protecting the district (or school) network from hackers or viruses	3	75%	55%
Providing a safe environment for students to learn	2	50%	52%

Providing network connectivity for student-owned devices	1	25%	47%
Providing the electrical and/or network infrastructure to support the devices	1	25%	35%
The cost of data plans	1	25%	29%
It is the responsibility of the school/district to provide technology for student use	0	0%	17%
We currently allow students to use their mobile devices for instructional purposes in our school/district	0	0%	7%
Other	1	25%	5%

18 **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, province)	4	100%	81%
Aligned to iNACOL National Standards of Quality for Online Courses	1	25%	15%
Content can be shared across different learning management systems	2	50%	30%
Developed by an organization with expertise in the field	3	75%	29%
Developed by instructional designers	2	50%	24%
Developed by online curriculum company	0	0%	7%
Ease of use for students and teachers	2	50%	79%
Easy to implement and support course management platform	3	75%	50%
Easy to integrate digital content and other instructional materials	2	50%	48%
Includes embedded assessments	2	50%	36%
Online course incorporates digital content (such as: video, podcasts, simulations, ebooks)	2	50%	38%
Online course used by schools/districts similar to my own	1	25%	17%
Online course used by virtual school	1	25%	9%
Online course works with a variety of hardware/software platforms	2	50%	31%
Recommended by my colleagues	2	50%	19%
Recommended by professional organizations, State Department of Education or Ministry of Education	2	50%	27%
Student achievement results after taking the course	2	50%	53%
Student completion rates for the course	2	50%	29%
Supports a variety of course and scheduling (such as: 4x4, lock, or traditional schedules) configurations	2	50%	20%

Other	0	0%	3%

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

Response	# of Responses	% of Responses	National %
Strongly agree	0	0%	23%
Agree	4	100%	58%
Disagree	0	0%	14%
Strongly disagree	0	0%	4%
I have not thought about this before	0	0%	1%
I do not think this is the responsibility of K-12 education	0	0%	0%

20 **Within the past year, several new visions have emerged regarding the potential transformative power that technology could have for learning. Speak Up added to that discussion by introducing the students' vision for "social-based, un-tethered and digitally-rich learning." What would a personalized learning space look like? What type of device would be used? What features and functionality would be available? What would be the impact on the classroom teacher? Or on your district network and sup**

Note:You can print your school or district open-ended responses from the survey print screen. If

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

Response	# of Responses	% of Responses	National %
3-Jan	0	0%	23%
10-Apr	3	75%	39%
15-Nov	0	0%	22%
16+	1	25%	16%

22 **Are you . . .**

Response	# of Responses	% of Responses	National %
Female	0	0%	60%
Male	4	100%	40%

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

Response	# of Responses	% of Responses	National %
Bachelor degree	2	50%	28%
Masters degree in education	2	50%	26%

Masters degree in educational technology	0	0%	18%
Masters degree in an area other than education	0	0%	8%
Doctorate degree (EdD, PhD)	0	0%	3%
Other	0	0%	18%