State: MI

Results based on 25 survey(s).

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

1 What grade are you in?

Response	# of Responses	% Responses	National %
Preschool	0	0%	1%
Kindergarten	1	5%	13%
Grade 1	0	0%	26%
Grade 2	20	95%	60%

2 Are you a…

Response	# of Responses	% Responses	National %
Girl	9	43%	50%
Boy	12	57%	50%

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

Response	# of Responses	% Responses	National %
I know more than others in my class	3	14%	29%
I know the same as others in my class	18	82%	47%
I don't know as much as others in my class	1	5%	24%

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

Response	# of Responses	% Responses	National %
Phone that does not have Internet	4	19%	16%
Phone with Internet (like iPhone, Samsung Galaxy)	4	19%	36%
Laptop	1	5%	35%
Laptop that can turn into a tablet	3	14%	14%
Web-based laptop (like Chromebook)	1	5%	7%
Tablet (like an iPad)	10	48%	52%
Mobile reading device (like a Kindle or Nook)	3	14%	14%

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

Response	# of Responses	% Responses	National %
Yes	8	36%	61%
No	14	64%	39%

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

Response	# of Responses	% Responses	National %
Every day	6	27%	52%

	# of Responses	% Responses	National %
A few times a week	15	68%	33%
A few times a month	1	5%	5%
Once a month	0	0%	2%
Every few months	0	0%	2%
Never	0	0%	5%

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

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	1	5%	6%
Laptop	1	5%	30%
Tablet (like an iPad)	5	23%	39%
Chromebook	9	41%	29%
Computers in the library	14	64%	38%
None of these	1	5%	10%

8   Do you think all students should be able to use a laptop, tablet, or Chromebook at school?

Response	# of Responses	% Responses	National %
Yes	12	57%	62%
No	1	5%	13%
Not sure	8	38%	25%

9   Do you play online, video or digital games at school that help you with learning?

Response	# of Responses	% Responses	National %
Yes	17	77%	78%
No	4	18%	13%
Not sure	1	5%	9%

10   What do you like about playing video, online, or digital games to help you with learning?

Response	# of Responses	% Responses	National %
Games are smart - they tell me when I did something wrong	7	32%	45%
Games help me get better at solving problems	12	55%	48%
Games help me learn how to do things	12	55%	43%
Games help me with learning	10	45%	47%
Games make me think more	7	32%	38%
I am smarter after playing games	5	23%	35%
I learn more when I play games	6	27%	38%
I like school more	10	45%	42%
I like that games are about real things	9	41%	32%
I like that I can go fast or slow when playing a game	8	36%	35%
I pay attention more when playing a game	6	27%	33%
School is more fun	7	32%	41%
I work harder when I play games	9	41%	33%
I don't want to play games at school	3	14%	10%
Other	0	0%	8%

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

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	17	81%	67%
Google Apps for Education	10	48%	52%
Interactive whiteboards	11	52%	54%
Internet access anywhere at school	10	48%	51%
Mobile apps for learning	14	67%	54%
Online tests or quizzes	11	52%	53%
Online textbooks	5	24%	41%
Online tutors	3	14%	37%
Digital learning games	14	67%	55%
Online videos and movies	9	43%	48%
Tools to connect and work with others (like Edmodo)	8	38%	38%
Tablet for every student	9	43%	55%
Tools to make videos	6	29%	39%
Other	0	0%	11%

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

Response	# of Responses	% Responses	National %
Yes	5	26%	56%
No	8	42%	16%
Maybe	6	32%	28%

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

Response	# of Responses	% Responses	National %
Yes	15	75%	67%
No	4	20%	22%
I already do that	0	0%	8%
I do this in an after school program already	1	5%	2%

15 **Does your school tell you about classes that you can take online?**

Response	# of Responses	% Responses	National %
Yes	4	21%	21%
No	14	74%	74%
I didn't know these were available to me	1	5%	5%

16 **How many online learning experiences have you participated in?**

Response	# of Responses	% Responses	National %
None	7	39%	39%
1	2	11%	11%
2	2	11%	11%
3 or more	7	39%	39%

Speak Up Research Project for Digital Learning
Speak Up 2016
Grade 3-5

State: MI

Results based on 1510 survey(s).

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

1   What grade are you in?

Response	# of Responses	% Responses	National %
Grade 3	205	14%	28%
Grade 4	572	38%	34%
Grade 5	713	48%	37%

2   Are you a…

Response	# of Responses	% Responses	National %
Girl	733	49%	50%
Boy	749	51%	50%

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

Response	# of Responses	% Responses	National %
I know more than others in my class	376	25%	27%
I know the same as others in my class	966	65%	56%
I don't know as much as others in my class	138	9%	16%

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

Response	# of Responses	% Responses	National %
Phone that does not have Internet	156	11%	13%
Phone with Internet (like iPhone, Samsung Galaxy)	661	46%	47%
Laptop	530	37%	37%
Laptop that can turn into a tablet	158	11%	12%
Web-based laptop (like Chromebook)	164	11%	8%
Tablet (like an iPad)	1006	70%	59%
Mobile reading device (like a Kindle or Nook)	329	23%	17%

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

Response	# of Responses	% Responses	National %
Use a computer with slow Internet	88	7%	6%
Use a computer with fast Internet	296	22%	20%
Use a computer with WiFi	386	29%	25%
Use a family member's phone or tablet	109	8%	9%
Use my own phone or tablet	360	27%	24%
Use a laptop or tablet given to me by my school	10	1%	6%
I cannot use the Internet when I am at home	100	7%	10%

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

Response	# of Responses	% Responses	National %
Every day	290	20%	40%
A few times a week	914	62%	44%
A few times a month	196	13%	8%
Once a month	13	1%	2%
Every few months	36	2%	3%
Never	24	2%	3%

7   Do you have any problems using technology at your school? Are any of these problems for you?

Response	# of Responses	% Responses	National %
Cannot use the Internet everywhere at school	103	8%	12%
Internet is slow	241	20%	30%
Not enough computers for students to use at school	103	8%	15%
My school doesn't let me go on websites that I need for schoolwork	55	4%	6%
Not allowed to use technology to talk with classmates	329	27%	21%
Not allowed to use my mobile devices at school	393	32%	27%
Not allowed to use social media	327	27%	22%
Teachers don't use enough technology in class	117	10%	7%
Teachers don't let us use technology enough	175	14%	10%
Too many rules against using technology	243	20%	17%
I rarely use technology at school	193	16%	12%
Other	204	17%	21%

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

Response	# of Responses	% Responses	National %
I use my own mobile device (phone with Internet, tablet, laptop) to help with schoolwork	130	9%	6%
Laptop	95	7%	30%
Tablet (like an iPad)	189	13%	26%
Chromebook	1170	81%	45%
Computers in the library	569	39%	31%
None of these	76	5%	7%

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

Response	# of Responses	% Responses	National %
Check grades	352	24%	23%
Create documents to share with my classmates and teachers	601	42%	28%
Search for things on the Internet	746	52%	44%
Do Skype or Facetime with other students	89	6%	5%
Email my teacher with questions	190	13%	15%
Look up school or class information	480	33%	26%
Play digital learning games	800	56%	48%
Read online books	436	30%	34%
Get reminders about tests and when homework is due	234	16%	19%

Take notes in class	200	14%	17%
Take photos of class assignments or textbook pages	70	5%	7%
Take online tests	737	51%	44%
Upload homework (like to Blackboard)	141	10%	9%
Use online dictionary or thesaurus	311	22%	23%
Use online textbooks	182	13%	11%
Watch a video made by my teacher	235	16%	19%
Watch videos that help me learn (like Kahn Academy)	545	38%	31%
Work with other students on a project or comment on their work	444	31%	24%
I don't have a mobile device to use in my class	71	5%	5%
Other	141	10%	11%

10 Do you think all students should be able to use a laptop, tablet, or Chromebook at school?

Response	# of Responses	% Responses	National %
Yes	1048	73%	71%
No	96	7%	8%
Not sure	295	20%	21%

11 Do you play online, video or digital games at school that help you with learning?

Response	# of Responses	% Responses	National %
Yes	1192	81%	77%
No	133	9%	13%
Not sure	142	10%	10%

12 What do you like about playing video, online, or digital games to help you with learning?

Response	# of Responses	% Responses	National %
Games are smart - they tell me when I did something wrong	577	40%	42%
Games help me get better at solving problems	754	52%	54%
Games help me learn how to do things	610	42%	39%
Games help me with learning	714	50%	48%
Games make me think more	596	41%	36%
I am smarter after playing games	318	22%	21%
I learn more when I play games	512	36%	31%
I like school more	442	31%	28%
I like that games are about real things	374	26%	21%
I like that I can go fast or slow when playing a game	554	38%	29%
I pay attention more when playing a game	446	31%	27%
School is more fun	456	32%	27%
I work harder when I play games	410	28%	25%
I don't want to play games at school	70	5%	6%
Other	135	9%	10%

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

Response	# of Responses	% Responses	National %
Chromebook or laptop for every student to use at school	1182	81%	72%
Google Apps for Education	990	68%	57%

Interactive whiteboards	873	60%	49%
Internet access anywhere at school	840	58%	53%
Mobile apps for learning	931	64%	56%
Online tests or quizzes	1034	71%	62%
Online textbooks	702	48%	41%
Online tutors	610	42%	33%
Digital learning games	1054	73%	61%
Online videos and movies	721	50%	44%
Tools to connect and work with others (like Edmodo)	752	52%	39%
Tablet for every student	744	51%	51%
Tools to make videos	600	41%	34%
Other	158	11%	12%

14 How often do you go on the Internet to get help with schoolwork?

Response	# of Responses	% Responses	National %
Every day	133	9%	24%
A few times a week	548	38%	39%
A few times a month	303	21%	13%
Once a month	76	5%	3%
Every few months	132	9%	6%
Never	250	17%	15%

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

Response	# of Responses	% Responses	National %
Yes	587	41%	45%
No	245	17%	16%
Maybe	600	42%	39%

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

Response	# of Responses	% Responses	National %
Yes	698	49%	61%
No	385	27%	23%
I already do that	309	22%	13%
I do this in an after school program already	28	2%	2%

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

Response	# of Responses	% Responses	National %
I work with my classmates more	668	48%	44%
I talk to my teacher more	444	32%	28%
My grades are better	728	53%	48%
I am more creative	921	67%	54%
I am a better thinker and problem solver	717	52%	48%
I understand what we are learning in class better	724	52%	48%
I have more control over how I learn things	662	48%	39%
I get to learn at my own speed	919	66%	49%

	# of Responses	% Responses	National %
I finish more of my homework	588	42%	38%
I like school more	595	43%	37%
I share my ideas in class more	523	38%	30%
I can go home and continue learning after school	626	45%	42%

19 Does your school tell you about classes that you can take online?

Response	# of Responses	% Responses	National %
Yes	464	33%	33%
No	668	47%	47%
I didn't know these were available to me	278	20%	20%

20 How many online learning experiences have you participated in?

Response	# of Responses	% Responses	National %
None	285	20%	20%
1	151	11%	11%
2	151	11%	11%
3 or more	818	58%	58%

State: MI

Results based on 1389 survey(s).

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

1 **What grade are you in?**

Response	# of Responses	% Responses	National %
Grade 6	457	33%	36%
Grade 7	468	34%	31%
Grade 8	459	33%	32%

2 **Gender**

Response	# of Responses	% Responses	National %
Girl	673	49%	49%
Boy	683	49%	49%
Decline to state	25	2%	2%

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

Response	# of Responses	% Responses	National %
Advanced - I know more than others	315	23%	25%
Average - I know about the same as others	1017	74%	70%
Beginner - I am still learning how to use technology	42	3%	4%

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

Response	# of Responses	% Responses	National %
Cell phone without Internet	217	16%	15%
Smartphone with Internet (like iPhone, Samsung Galaxy)	1000	73%	77%
Laptop	747	55%	50%
2-in-1 laptop (a laptop that can turn into a tablet)	162	12%	13%
Web-based laptop (like Chromebook)	199	15%	11%
Tablet (like an iPad)	919	68%	60%
Digital reader (like Kindle or Nook)	329	24%	19%
Smartwatch (e.g. Apple watch, Android Wear)	150	11%	12%

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

Response	# of Responses	% Responses	National %
Use a computer with a slow Internet connection (like dialup through a landline)	63	5%	4%
Use a computer with a hardwired, fast Internet connection (like DSL, Broadband, or cable)	276	20%	18%

Use a family computer or laptop that connects to the Internet via Wifi	432	31%	21%
Use family members' smartphones and tablets that connect to the Internet via Wifi	58	4%	4%
Use my own smartphone or tablet that connects to the Internet via Wifi	405	29%	31%
Use school provided laptops or tablets that connect to the Internet via Wifi	61	4%	18%
I cannot access the Internet when I am at home	81	6%	5%

6 How often do you use online or Internet resources to help you with schoolwork or studying?

Response	# of Responses	% Responses	National %
Rarely or never	138	10%	11%
A few times a year	66	5%	6%
Once a month	49	4%	3%
A few times a month	181	13%	12%
Once a week	123	9%	7%
A few times a week	439	32%	27%
Daily or almost daily	356	26%	35%

7 What class format best represents the majority of your classes this year?

Response	# of Responses	% Responses	National %
Traditional class - the teacher provides instruction to a class of students in a physical classroom on a regular schedule	754	56%	53%
Blended learning class - a formalized structure where the teacher provides instruction part of the time in a physical classroom with a class of students, and part of the time the students follow an online curriculum at their own pace at home or at a school	366	27%	28%
Flipped class – the teacher assigns online videos of lessons, labs, and lectures for students to watch as homework, and then the in-school class period is used for doing projects, in-depth discussions, remediation, and individualized schoolwork help	140	10%	11%
Virtual class – the teacher provides instruction to students who are all online	33	2%	3%
Other	46	3%	4%

8 What obstacles do you face using technology at your school? (Check all that apply)

Response	# of Responses	% Responses	National %
Internet access is not schoolwide	78	6%	12%
Internet is too slow or inconsistent	431	33%	46%
Lack of computers for students to use at school	124	10%	14%
My school blocks websites I need for schoolwork	283	22%	35%
Not allowed to text with classmates	428	33%	34%
Not allowed to use my mobile devices at school	663	51%	44%
Not allowed to use social media	486	38%	39%
Teachers don't know how to use technology for learning	124	10%	9%
Teachers limit our technology use	427	33%	32%
Too many rules against using technology	506	39%	41%
I rarely use technology at school	168	13%	12%
Other	130	10%	8%

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

Response	# of Responses	% Responses	National %
I use my own mobile device (smartphone, tablet, laptop) to help with schoolwork	325	24%	25%
I use a laptop in class that my school gives me to use	210	16%	33%
I use a tablet in class that my school gives me to use	143	11%	20%
I use a Chromebook in class that my school gives me to use	1043	79%	44%
I use computers in the computer lab, library, or media center to help with schoolwork	321	24%	32%
I do not regularly use technology when I am at school	128	10%	12%

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

Response	# of Responses	% Responses	National %
Check grades	1172	87%	74%
Create documents to share with my classmates and teachers	668	49%	49%
Do research on the Internet	1096	81%	81%
Do Skype or Facetime with other students	230	17%	18%
Email my teachers with questions	485	36%	41%
Look up school or class information	734	54%	54%
Play a game or take a quiz in class (like Kahoot)	942	70%	60%
Read digital books or online articles	451	33%	37%
Receive reminders and alerts about due dates for assignments and upcoming tests	568	42%	39%
Take notes in class	408	30%	39%
Take photos of class assignments or textbook pages	255	19%	29%
Take online tests	701	52%	50%
Text classmates for help	366	27%	27%
Text my teachers with questions	195	14%	15%
Upload homework or assignments (like to Blackboard)	304	23%	27%
Use online dictionary or thesaurus	493	37%	49%
Use online textbooks	624	46%	32%
Watch a video made by my teacher	420	31%	29%
Watch educational videos (like Kahn Academy)	407	30%	36%
Work with other students on a project or comment on their work	498	37%	40%
I don't use a mobile device	58	4%	4%
Other	43	3%	4%

11 **How important do you think it is for every student to be able to use a mobile device during the school day to support schoolwork?**

Response	# of Responses	% Responses	National %
Not important	151	11%	9%
Important	731	56%	52%
Very Important	429	33%	39%

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

Response	# of Responses	% Responses	National %
Doing well in school is important to me	1116	85%	82%
For schoolwork reading, I would rather read digital text (such as reading an online article on a tablet or laptop) than read a hard copy, printed textbook	293	22%	29%
I am interested in what I am learning at school	598	45%	46%
I am learning skills at school that will help me in the future	774	59%	60%
I believe that my school cares about me as a person	652	49%	44%
I don't think technology is used well in my classes	166	13%	15%
I wish my classes were more interesting	605	46%	46%
I wish my teachers used more technology in my classes	377	29%	32%
I would learn more if I could use more technology in my classes	286	22%	25%
Teachers are important to my learning	748	57%	55%
The subjects that I am learning at school are important for my future	640	49%	50%
There is at least one adult at school that I can talk to about school or personal problems	521	39%	39%
Using technology in my classes increases my interest in learning	494	37%	39%
School is boring	430	33%	31%

13 What types of digital content, tools and resources do you use in your classes to support learning or schoolwork? (Check all that apply)

Response	# of Responses	% Responses	National %
Augmented or virtual reality environments	66	5%	9%
Animations and simulations	199	15%	18%
Digital content subscriptions (like Discovery Education)	217	17%	26%
Digital, video or online games (like Kahoot, Minecraft)	801	62%	51%
Google Apps for Education (like Google Docs, Google Slides etc.)	928	72%	65%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	259	20%	35%
Online curriculum	193	15%	18%
Online databases (like census data, education statistics)	224	17%	15%
Online tests or assessments	741	57%	52%
Online textbooks	742	58%	39%
Primary source documents (like from the Library of Congress or NewseumED.org)	106	8%	15%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	239	19%	23%
Social media tools	144	11%	14%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	263	20%	24%
Speech recognition software or apps	63	5%	7%
Tutorials	283	22%	25%
Videos that my teachers create for us to watch	418	32%	32%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	408	32%	33%
Virtual labs	233	18%	16%
Web based conferencing and online meeting tools	81	6%	7%
Other	91	7%	6%

14 How often do you play online, video or digital games at school that have educational content or for learning purposes?

Response	# of Responses	% Responses	National %
Every day	113	9%	11%
A few days a week	334	26%	26%
A few days a month	370	29%	23%
Every few months	164	13%	12%
Rarely or never	311	24%	29%

15 **What do you think would be the benefits to you if online, video or digital games were part of your regular classroom activities?**

Response	# of Responses	% Responses	National %
Games challenge me to think more than other class activities	628	48%	53%
Games fit the way I learn best	531	41%	44%
Games adapt to what I know – making it harder or easier for me	563	43%	46%
Games help me understand difficult subjects	566	44%	47%
Games help me connect what I am learning to real world situations	472	36%	39%
I like that games give you immediate feedback so you know how to improve	613	47%	47%
I would be more engaged in what we were studying	539	42%	44%
I would learn more about what we were studying	495	38%	40%
I would work longer at the game than other class activities	428	33%	33%
Learning would be more fun	712	55%	54%
My critical thinking and problem solving skills would improve	435	34%	37%
My grades would improve	543	42%	44%
School would be more interesting	730	56%	54%
I don't think I would like playing games in school	127	10%	10%
Other	65	5%	5%

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

Find experts online to answer my questions

Response	# of Responses	% Responses	National %
Never	538	43%	43%
Rarely	340	27%	24%
Sometimes	277	22%	23%
Often	71	6%	7%
All of the time	24	2%	3%

Play an online game or augmented/virtual simulation activity

Response	# of Responses	% Responses	National %
Never	243	19%	19%
Rarely	339	27%	28%
Sometimes	444	36%	32%
Often	167	13%	14%
All of the time	53	4%	7%

Post a question on a discussion board or forum

Response	# of Responses	% Responses	National %
Never	744	61%	54%
Rarely	281	23%	24%
Sometimes	136	11%	15%
Often	39	3%	5%
All of the time	17	1%	2%

Read an online news story or report

Response	# of Responses	% Responses	National %
Never	365	29%	25%
Rarely	364	29%	24%
Sometimes	325	26%	29%
Often	137	11%	16%
All of the time	46	4%	6%

Research a website to learn more about a topic

Response	# of Responses	% Responses	National %
Never	142	12%	9%
Rarely	196	16%	14%
Sometimes	454	37%	33%
Often	326	27%	30%
All of the time	109	9%	14%

Take a self-paced tutorial or online class

Response	# of Responses	% Responses	National %
Never	667	54%	52%
Rarely	313	25%	23%
Sometimes	166	13%	15%
Often	62	5%	6%
All of the time	25	2%	3%

Use online writing tools to improve my writing

Response	# of Responses	% Responses	National %
Never	526	43%	40%
Rarely	307	25%	22%
Sometimes	241	20%	21%
Often	96	8%	11%
All of the time	55	4%	6%

Use social media to identify people who share my interests

Response	# of Responses	% Responses	National %
Never	701	57%	51%
Rarely	177	14%	16%
Sometimes	161	13%	14%
Often	89	7%	9%
All of the time	108	9%	9%

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

Response	# of Responses	% Responses	National %
Never	640	52%	46%
Rarely	175	14%	17%
Sometimes	198	16%	17%
Often	112	9%	11%
All of the time	107	9%	9%

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

Response	# of Responses	% Responses	National %
Never	542	44%	47%
Rarely	327	27%	23%
Sometimes	236	19%	18%
Often	85	7%	8%
All of the time	37	3%	4%

Watch a video to learn how to do something

Response	# of Responses	% Responses	National %
Never	127	10%	10%
Rarely	245	20%	15%
Sometimes	388	31%	31%
Often	322	26%	25%
All of the time	159	13%	19%

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

Response	# of Responses	% Responses	National %
Augmented reality apps	323	26%	33%
Chromebook or laptop for every student to use at school	1026	83%	75%
Cloud based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	668	54%	53%
Online site that tracks all of my school year information including grades, test scores and activities from kindergarten through high school even if I go to different schools	812	66%	63%
Digital content (animations, simulations, online articles and resources)	604	49%	52%
Google hangouts or other online group messaging in class	669	54%	54%
Interactive whiteboards	685	55%	54%
Internet access anywhere at school	954	77%	71%
Learning management systems (like Blackboard)	344	28%	33%
Mobile apps for learning	767	62%	62%
Online or virtual classes	542	44%	46%
Online tests and assessments	791	64%	62%
Online textbooks	812	66%	58%
Online tools that help organize schoolwork and provide access to important information	724	58%	56%
Online tutors	594	48%	44%

Online, video and digital games	779	63%	63%
Online videos and movies	745	60%	60%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	575	46%	47%
Tablet for every student to use at school	734	59%	56%
Tools to help students create media projects (like video, audio)	712	57%	55%
Virtual reality experiences and hardware (headsets and devices)	569	46%	47%
Other	119	10%	9%

18 **What is your experience or interest in taking a fully online or virtual class in any of these school subjects? Check which subjects you have taken online and which ones you would like to take online if they were offered at your school. If it does not apply to you, you can skip it.** *Please note, calculations are based on the total number of students that answered the question as a whole vs total number per sub-question as done with other grid scale questions on the survey.*

Art Appreciation

Response	# of Responses	% Responses	National %
Already taken online	88	8%	12%
Interested in taking online	620	54%	58%

Career Technical Education/Vocational Education

Response	# of Responses	% Responses	National %
Already taken online	116	10%	14%
Interested in taking online	539	47%	51%

College Preparation Skills/Study Skills

Response	# of Responses	% Responses	National %
Already taken online	116	10%	14%
Interested in taking online	669	58%	58%

Computer Science/Programming/Coding

Response	# of Responses	% Responses	National %
Already taken online	243	21%	25%
Interested in taking online	530	46%	47%

Creative Writing/Writing Skills

Response	# of Responses	% Responses	National %
Already taken online	222	19%	24%
Interested in taking online	489	42%	44%

English

Response	# of Responses	% Responses	National %
Already taken online	306	27%	31%
Interested in taking online	380	33%	37%

English as a second/additional language

Response	# of Responses	% Responses	National %
Already taken online	142	12%	18%
Interested in taking online	451	39%	41%

Health

Response	# of Responses	% Responses	National %
Already taken online	187	16%	20%
Interested in taking online	490	43%	46%

Journalism/Yearbook

Response	# of Responses	% Responses	National %
Already taken online	97	8%	13%
Interested in taking online	537	47%	49%

Math

Response	# of Responses	% Responses	National %
Already taken online	392	34%	36%
Interested in taking online	396	34%	38%

Personal Finance

Response	# of Responses	% Responses	National %
Already taken online	80	7%	11%
Interested in taking online	475	41%	45%

Physical Education (P.E.)

Response	# of Responses	% Responses	National %
Already taken online	191	17%	22%
Interested in taking online	480	42%	44%

Psychology

Response	# of Responses	% Responses	National %
Already taken online	73	6%	11%
Interested in taking online	473	41%	47%

Science

Response	# of Responses	% Responses	National %
Already taken online	343	30%	32%
Interested in taking online	435	38%	42%

Social Studies/History/Government

Response	# of Responses	% Responses	National %
Already taken online	289	25%	28%
Interested in taking online	438	38%	39%

Statistics

Response	# of Responses	% Responses	National %
Already taken online	95	8%	12%
Interested in taking online	425	37%	42%

Visual and performing arts (Music, Art, Drama, Media Arts)

Response	# of Responses	% Responses	National %
Already taken online	122	11%	16%
Interested in taking online	550	48%	51%

World or foreign languages

Response	# of Responses	% Responses	National %
Already taken online	141	12%	15%
Interested in taking online	637	55%	56%

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

Response	# of Responses	% Responses	National %
Applying what I have learned to practical problems	563	47%	50%
Collaborating with other students more	544	45%	48%
Communicating with my teacher more often	451	37%	39%
Getting better grades and test scores	717	59%	58%
Developing creativity skills	660	55%	56%
Developing critical thinking and problem solving skills	573	47%	47%
Understanding what I am learning better	629	52%	53%
In control over my learning	573	47%	48%
Learning at my own pace	760	63%	59%
Learning in a way that fits my learning style	625	52%	51%
More likely to complete homework assignments	565	47%	49%
More interested in what I am learning in class	555	46%	47%
Participating more in class discussions	416	34%	37%
Spending more time mastering a skill or learning something	488	40%	43%
Taking ownership for my learning	553	46%	43%
Using time at home for extended learning	460	38%	36%
Other	61	5%	6%

20 **If your teacher(s) wants to share with you information about how well you are doing in that class or where you need to improve, what is the best way for them to do that?**

Response	# of Responses	% Responses	National %
Call my cell phone or smartphone	208	17%	20%
Call my home phone	141	11%	14%
Give me a handwritten note	395	32%	38%
Just talk to me in class	847	69%	68%
Post it on our class website or school portal but in a way that only I can see it	345	28%	30%
Put the information on my report card	497	40%	39%
Send an automated phone message to my home phone	119	10%	13%

	# of Responses	% Responses	National %
Send me a personal email	539	44%	45%
Set up a face to face meeting with me	255	21%	24%
Send me a text message	329	27%	26%
Use Skype, iChat or other online meeting tools to talk with me	103	8%	10%
Other	69	6%	6%

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

Facebook

Response	# of Responses	% Responses	National %
Never	762	65%	61%
Rarely	123	10%	11%
Sometimes	94	8%	9%
Often	89	8%	7%
All of the time	102	9%	12%

Instagram

Response	# of Responses	% Responses	National %
Never	415	35%	34%
Rarely	62	5%	6%
Sometimes	96	8%	9%
Often	182	15%	14%
All of the time	440	37%	37%

Musical.ly

Response	# of Responses	% Responses	National %
Never	653	56%	53%
Rarely	118	10%	11%
Sometimes	118	10%	11%
Often	95	8%	8%
All of the time	181	16%	16%

Pinterest

Response	# of Responses	% Responses	National %
Never	728	63%	62%
Rarely	126	11%	11%
Sometimes	109	9%	10%
Often	89	8%	7%
All of the time	107	9%	10%

Snapchat

Response	# of Responses	% Responses	National %
Never	462	39%	35%
Rarely	71	6%	7%
Sometimes	96	8%	9%
Often	143	12%	12%

All of the time	403	34%	38%

Twitch

Response	# of Responses	% Responses	National %
Never	949	82%	78%
Rarely	63	5%	6%
Sometimes	56	5%	5%
Often	36	3%	4%
All of the time	53	5%	6%

Twitter

Response	# of Responses	% Responses	National %
Never	831	72%	67%
Rarely	77	7%	9%
Sometimes	80	7%	8%
Often	67	6%	6%
All of the time	94	8%	10%

YouTube

Response	# of Responses	% Responses	National %
Never	44	4%	5%
Rarely	79	7%	5%
Sometimes	176	15%	12%
Often	273	23%	21%
All of the time	622	52%	58%

Blogging sites (your own or others)

Response	# of Responses	% Responses	National %
Never	898	79%	75%
Rarely	97	9%	10%
Sometimes	59	5%	6%
Often	30	3%	3%
All of the time	54	5%	6%

Health and fitness tracking (like Fitbit, food tracker)

Response	# of Responses	% Responses	National %
Never	721	62%	61%
Rarely	145	13%	12%
Sometimes	117	10%	12%
Often	86	7%	7%
All of the time	88	8%	8%

Live streaming (like Facebook Live, Periscope, YouNow)

Response	# of Responses	% Responses	National %
Never	772	67%	62%
Rarely	110	10%	11%

	# of Responses	% Responses	National %
Sometimes	123	11%	10%
Often	69	6%	6%
All of the time	78	7%	10%

Music streaming (like Pandora, iHeartRadio)

Response	# of Responses	% Responses	National %
Never	285	24%	26%
Rarely	105	9%	8%
Sometimes	216	18%	14%
Often	215	18%	17%
All of the time	353	30%	34%

Online games/apps (like Candy Crush, PokemonGo)

Response	# of Responses	% Responses	National %
Never	203	17%	19%
Rarely	169	14%	13%
Sometimes	256	22%	19%
Often	259	22%	19%
All of the time	290	25%	30%

Social messaging apps (like Facebook messenger, WhatsApp, GroupMe)

Response	# of Responses	% Responses	National %
Never	532	46%	40%
Rarely	122	10%	11%
Sometimes	150	13%	13%
Often	145	12%	13%
All of the time	212	18%	24%

Special interest discussion groups (like for games, arts, fandom)

Response	# of Responses	% Responses	National %
Never	676	60%	54%
Rarely	160	14%	14%
Sometimes	107	9%	12%
Often	62	5%	7%
All of the time	119	11%	13%

Sports news, scores, or streaming (like ESPN)

Response	# of Responses	% Responses	National %
Never	558	48%	47%
Rarely	137	12%	12%
Sometimes	154	13%	13%
Often	129	11%	11%
All of the time	175	15%	17%

Stream TV/movies (like Hulu, Netflix)

Response	# of Responses	% Responses	National %

	# of Responses	% Responses	National %
Never	237	21%	19%
Rarely	99	9%	8%
Sometimes	197	17%	15%
Often	238	21%	19%
All of the time	375	33%	38%

Video messaging (like Skype, FaceTime, Google Hangouts)

Response	# of Responses	% Responses	National %
Never	340	29%	28%
Rarely	175	15%	13%
Sometimes	209	18%	17%
Often	216	18%	16%
All of the time	228	20%	26%

22 **Adults are concerned that some students may not use online tools appropriately. Are students in your school or community experiencing any of these things? Check the ones that you know about. If none or you do not know, check "None of the above."**

Response	# of Responses	% Responses	National %
Being bullied by other students using online messages	243	21%	23%
Being contacted online by strangers	201	17%	21%
Copying other students' work or copying from the Internet (plagiarism)	272	23%	27%
Giving out passwords and account information to others who should not have that information	197	17%	20%
Going to social media sites in class when that is not allowed	378	32%	31%
Have schoolwork deleted by other students from online school sites	104	9%	13%
Photos of me or my friends used by others without my permission	156	13%	18%
Seeing websites with inappropriate content	186	16%	21%
Sharing or receiving nude or suggestive images	112	10%	15%
Signing up for social media accounts without permission	170	14%	18%
Students going around school filters and firewalls	117	10%	15%
Students having online discussions about planned drug or alcohol abuse	81	7%	11%
Students making threats of fighting or school violence in online messages	141	12%	18%
Students sharing too much personal information online	172	15%	20%
Students talking about hurting themselves in online messages	118	10%	16%
Using a smartphone to cheat on a test	142	12%	17%
None of the above	534	46%	43%

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

Response	# of Responses	% Responses	National %
For personal reading, I would rather read digital text (such as reading an online story on a tablet) than read a hardcopy, printed book	239	21%	25%
I like learning about new ideas	618	54%	54%
I like learning how to do things	749	65%	67%
I like learning how to make or build things	712	62%	60%
I like learning when I can be in control of when and how I learn	514	45%	46%
I know how to be safe when I am online	795	69%	65%
I know how to detect bias or opinions in the information that I read online	412	36%	37%

	# of Responses	% Responses	National %
I know how to evaluate the accuracy of information I find online	417	36%	37%
I use technology more outside of school than I do when I am at school	728	64%	58%
Knowing how to use technology is an important skill that will help me in the future	645	56%	52%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	153	13%	17%

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

Response	# of Responses	% Responses	National %
In a classroom during the school day	971	83%	74%
In the school library or media center during the school day	308	26%	41%
At school – before the start of class	530	45%	39%
At school – after school day has ended	415	35%	42%
Where I live	992	85%	79%
Where other family members live	504	43%	41%
At a friend's house	549	47%	42%
At the public library	190	16%	21%
After school recreational or tutoring center	85	7%	11%
At a fast food restaurant or coffee shop	258	22%	24%
On a school bus or public transportation	312	27%	23%
None of the above	51	4%	5%
Other	64	5%	5%

25 **How often do you get information about news or current events from these sources?**
Do a general Internet search on a current event topic

Response	# of Responses	% Responses	National %
Rarely or never	547	49%	43%
At least once a month	240	21%	20%
At least once a week	211	19%	20%
Daily or almost daily	94	8%	11%
Several times a day	34	3%	6%

Follow a Twitter hashtag that is trending

Response	# of Responses	% Responses	National %
Rarely or never	880	78%	72%
At least once a month	77	7%	9%
At least once a week	77	7%	8%
Daily or almost daily	56	5%	6%
Several times a day	39	3%	5%

Get news from an email blast

Response	# of Responses	% Responses	National %
Rarely or never	791	73%	68%
At least once a month	130	12%	13%
At least once a week	82	8%	10%
Daily or almost daily	52	5%	5%

	32	3%	5%
Several times a day	32	3%	5%

Get news pushed to me from my social media outlets

Response	# of Responses	% Responses	National %
Rarely or never	605	54%	51%
At least once a month	138	12%	13%
At least once a week	140	13%	14%
Daily or almost daily	148	13%	12%
Several times a day	85	8%	10%

Have a friend or family member text me with news updates

Response	# of Responses	% Responses	National %
Rarely or never	510	45%	41%
At least once a month	189	17%	17%
At least once a week	174	15%	17%
Daily or almost daily	154	14%	14%
Several times a day	96	9%	12%

Listen to a news story on a radio

Response	# of Responses	% Responses	National %
Rarely or never	580	52%	49%
At least once a month	186	17%	16%
At least once a week	160	14%	15%
Daily or almost daily	136	12%	12%
Several times a day	59	5%	7%

Listen to a news story online

Response	# of Responses	% Responses	National %
Rarely or never	676	62%	54%
At least once a month	173	16%	16%
At least once a week	118	11%	14%
Daily or almost daily	79	7%	9%
Several times a day	40	4%	6%

Read a news story in print

Response	# of Responses	% Responses	National %
Rarely or never	777	71%	66%
At least once a month	159	15%	16%
At least once a week	81	7%	10%
Daily or almost daily	46	4%	5%
Several times a day	28	3%	4%

Read a news story online

Response	# of Responses	% Responses	National %
Rarely or never	595	55%	48%
At least once a month	203	19%	19%

At least once a week	138	13%	16%
Daily or almost daily	87	8%	10%
Several times a day	52	5%	7%

Receive a text message with a news alert

Response	# of Responses	% Responses	National %
Rarely or never	627	56%	50%
At least once a month	219	20%	20%
At least once a week	121	11%	13%
Daily or almost daily	81	7%	9%
Several times a day	66	6%	8%

Use mobile apps on my smartphone

Response	# of Responses	% Responses	National %
Rarely or never	393	35%	32%
At least once a month	116	10%	11%
At least once a week	140	13%	14%
Daily or almost daily	194	17%	17%
Several times a day	265	24%	27%

Watch a news program on TV

Response	# of Responses	% Responses	National %
Rarely or never	344	31%	32%
At least once a month	194	18%	16%
At least once a week	220	20%	19%
Daily or almost daily	210	19%	19%
Several times a day	131	12%	14%

Watch a video news story online

Response	# of Responses	% Responses	National %
Rarely or never	554	50%	45%
At least once a month	193	17%	17%
At least once a week	148	13%	15%
Daily or almost daily	109	10%	11%
Several times a day	99	9%	11%

26 **Many people around the world are interested in having more students pursue careers in science, technology, math, or engineering. Are you interested in a job or career in any of these fields?**

Response	# of Responses	% Responses	National %
Not interested	266	24%	21%
Somewhat interested	555	49%	47%
Very interested	309	27%	32%

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

Response	# of Responses	% Responses	National %

Attend a student conference on different careers	352	32%	35%
Get real life experience (like working a part-time job, internship, or volunteering)	763	70%	66%
Go to summer camp (like space camp)	316	29%	32%
Follow experts in different careers on social media	336	31%	33%
Have career professionals teach lessons at school	497	46%	45%
Learn from teachers who have worked in a career field before becoming a teacher	389	36%	37%
Participate in an after school program	411	38%	36%
Participate in competitions to see how I rank compared to other students interested in that career	341	31%	31%
Play an online or digital game about a career	448	41%	42%
Shadow a career professional for a day	457	42%	37%
Take an online class about a particular career field	373	34%	34%
Take career technical education classes at my school or local college	287	26%	29%
Take field trips to see and talk with people working in those jobs	543	50%	48%
Understand why learning additional languages will help me with future jobs	302	28%	30%
Use an online quiz to identify my career interests or strengths	409	38%	37%
Use mobile apps or websites to explore careers	362	33%	34%
Watch videos about different jobs	453	42%	39%
Work with mentors from different career fields	284	26%	26%
Watch TEDTalks with experts talking about their careers	210	19%	17%

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

Response	# of Responses	% Responses	National %
Not interested	436	39%	30%
Somewhat interested	409	37%	40%
Very interested	200	18%	23%
Already doing that	59	5%	7%

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

Response	# of Responses	% Responses	National %
AVID (Advancement Via Individual Determination)	21	2%	6%
Computer programming or coding club	89	8%	11%
Future Teacher Academy or Educators Rising chapter(s)	47	4%	5%
IB (International Baccalaureate)	15	1%	5%
Model United Nations or Model Congress	32	3%	5%
National Honors Society	71	7%	10%
Robotics or advanced technology club	79	7%	9%
School Video Production Team	52	5%	7%
STEM (Science, Technology, Engineering, and Mathematics) Academy	72	7%	14%
Student Government/Student Council	55	5%	8%
Student Tech Support Team	33	3%	6%
Visual and Performing Arts Academy	48	5%	8%
World Language Club or after school language class	47	4%	7%
None of the above	784	74%	58%

31 Does your school promote online learning (i.e., micourses.org or online classes through MVU)?

Response	# of Responses	% Responses	National %
Yes	455	41%	41%
No	312	28%	28%
I didn't know these were available to me	335	30%	30%

32 Do you use technology outside of school?

Response	# of Responses	% Responses	National %
Yes	1062	96%	96%
No	44	4%	4%

State: MI

Results based on 1371 survey(s).

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

1   What grade are you in?

Response	# of Responses	% Responses	National %
Grade 9	392	29%	30%
Grade 10	376	27%	26%
Grade 11	284	21%	23%
Grade 12	315	23%	20%
Alternative program or other	1	0%	1%

2   Gender

Response	# of Responses	% Responses	National %
Girl	629	46%	50%
Boy	694	51%	47%
Decline to state	44	3%	3%

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

Response	# of Responses	% Responses	National %
Advanced - I know more than others	362	27%	25%
Average - I know about the same as others	961	71%	71%
Beginner - I am still learning how to use technology	35	3%	4%

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

Response	# of Responses	% Responses	National %
Cell phone without Internet	114	8%	11%
Smartphone with Internet (like iPhone, Samsung Galaxy)	1248	92%	90%
Laptop	844	62%	56%
2-in-1 laptop (a laptop that can turn into a tablet)	141	10%	11%
Web-based laptop (like Chromebook)	189	14%	9%
Tablet (like an iPad)	640	47%	44%
Digital reader (like Kindle or Nook)	268	20%	15%
Smartwatch (e.g. Apple watch, Android Wear)	107	8%	8%

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

Response	# of Responses	% Responses	National %
Use a computer with a slow Internet connection (like dialup through a landline)	49	4%	5%

Response	# of Responses	% Responses	National %
Use a computer with a hardwired, fast Internet connection (like DSL, Broadband, or cable)	290	21%	19%
Use a family computer or laptop that connects to the Internet via Wifi	267	20%	19%
Use family members' smartphones and tablets that connect to the Internet via Wifi	21	2%	2%
Use my own smartphone or tablet that connects to the Internet via Wifi	364	27%	32%
Use school provided laptops or tablets that connect to the Internet via Wifi	341	25%	19%
I cannot access the Internet when I am at home	28	2%	4%

6   How often do you use online or Internet resources to help you with schoolwork or studying?

Response	# of Responses	% Responses	National %
Rarely or never	54	4%	6%
A few times a year	39	3%	4%
Once a month	21	2%	2%
A few times a month	104	8%	9%
Once a week	87	7%	5%
A few times a week	381	29%	26%
Daily or almost daily	633	48%	48%

7   What class format best represents the majority of your classes this year?

Response	# of Responses	% Responses	National %
Traditional class - the teacher provides instruction to a class of students in a physical classroom on a regular schedule	803	61%	56%
Blended learning class - a formalized structure where the teacher provides instruction part of the time in a physical classroom with a class of students, and part of the time the students follow an online curriculum at their own pace at home or at a school	366	28%	30%
Flipped class – the teacher assigns online videos of lessons, labs, and lectures for students to watch as homework, and then the in-school class period is used for doing projects, in-depth discussions, remediation, and individualized schoolwork help	93	7%	8%
Virtual class – the teacher provides instruction to students who are all online	29	2%	3%
Other	22	2%	2%

8   What obstacles do you face using technology at your school? (Check all that apply)

Response	# of Responses	% Responses	National %
Internet access is not schoolwide	92	7%	16%
Internet is too slow or inconsistent	508	40%	60%
Lack of computers for students to use at school	104	8%	15%
My school blocks websites I need for schoolwork	378	30%	51%
Not allowed to text with classmates	507	40%	31%
Not allowed to use my mobile devices at school	565	45%	38%
Not allowed to use social media	488	39%	36%
Teachers don't know how to use technology for learning	264	21%	18%
Teachers limit our technology use	640	51%	37%
Too many rules against using technology	654	52%	43%

I rarely use technology at school	127	10%	9%
Other	78	6%	5%

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

Response	# of Responses	% Responses	National %
I use my own mobile device (smartphone, tablet, laptop) to help with schoolwork	768	59%	58%
I use a laptop in class that my school gives me to use	231	18%	40%
I use a tablet in class that my school gives me to use	115	9%	9%
I use a Chromebook in class that my school gives me to use	879	68%	32%
I use computers in the computer lab, library, or media center to help with schoolwork	403	31%	27%
I do not regularly use technology when I am at school	75	6%	8%

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

Response	# of Responses	% Responses	National %
Check grades	1238	94%	86%
Create documents to share with my classmates and teachers	988	75%	59%
Do research on the Internet	1126	86%	84%
Do Skype or Facetime with other students	278	21%	18%
Email my teachers with questions	761	58%	53%
Look up school or class information	873	66%	63%
Play a game or take a quiz in class (like Kahoot)	1004	76%	63%
Read digital books or online articles	606	46%	38%
Receive reminders and alerts about due dates for assignments and upcoming tests	665	51%	47%
Take notes in class	406	31%	40%
Take photos of class assignments or textbook pages	710	54%	52%
Take online tests	713	54%	49%
Text classmates for help	600	46%	39%
Text my teachers with questions	225	17%	17%
Upload homework or assignments (like to Blackboard)	554	42%	40%
Use online dictionary or thesaurus	697	53%	54%
Use online textbooks	697	53%	36%
Watch a video made by my teacher	456	35%	28%
Watch educational videos (like Kahn Academy)	546	42%	35%
Work with other students on a project or comment on their work	670	51%	43%
I don't use a mobile device	31	2%	3%
Other	17	1%	2%

11 **How important do you think it is for every student to be able to use a mobile device during the school day to support schoolwork?**

Response	# of Responses	% Responses	National %
Not important	113	9%	8%
Important	613	48%	49%
Very Important	543	43%	43%

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

Response	# of Responses	% Responses	National %
Doing well in school is important to me	1043	82%	81%
For schoolwork reading, I would rather read digital text (such as reading an online article on a tablet or laptop) than read a hard copy, printed textbook	257	20%	22%
I am interested in what I am learning at school	503	40%	43%
I am learning skills at school that will help me in the future	544	43%	49%
I believe that my school cares about me as a person	409	32%	32%
I don't think technology is used well in my classes	237	19%	19%
I wish my classes were more interesting	712	56%	52%
I wish my teachers used more technology in my classes	304	24%	25%
I would learn more if I could use more technology in my classes	253	20%	20%
Teachers are important to my learning	612	48%	48%
The subjects that I am learning at school are important for my future	405	32%	37%
There is at least one adult at school that I can talk to about school or personal problems	457	36%	36%
Using technology in my classes increases my interest in learning	387	30%	31%
School is boring	483	38%	33%

13 **What types of digital content, tools and resources do you use in your classes to support learning or schoolwork? (Check all that apply)**

Response	# of Responses	% Responses	National %
Augmented or virtual reality environments	107	9%	8%
Animations and simulations	249	20%	19%
Digital content subscriptions (like Discovery Education)	190	15%	16%
Digital, video or online games (like Kahoot, Minecraft)	696	56%	51%
Google Apps for Education (like Google Docs, Google Slides etc.)	887	71%	64%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	418	34%	45%
Online curriculum	256	21%	20%
Online databases (like census data, education statistics)	288	23%	18%
Online tests or assessments	634	51%	48%
Online textbooks	692	56%	41%
Primary source documents (like from the Library of Congress or NewseumED.org)	168	14%	15%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	262	21%	19%
Social media tools	244	20%	16%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	203	16%	18%
Speech recognition software or apps	78	6%	6%
Tutorials	262	21%	25%
Videos that my teachers create for us to watch	329	26%	26%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	429	35%	34%
Virtual labs	248	20%	17%
Web based conferencing and online meeting tools	83	7%	5%
Other	39	3%	3%

14 **How often do you play online, video or digital games at school that have educational content or for learning purposes?**

Response	# of Responses	% Responses	National %
Every day	104	8%	7%
A few days a week	195	15%	16%
A few days a month	317	25%	22%
Every few months	171	14%	13%
Rarely or never	471	37%	42%

15 **What do you think would be the benefits to you if online, video or digital games were part of your regular classroom activities?**

Response	# of Responses	% Responses	National %
Games challenge me to think more than other class activities	571	46%	49%
Games fit the way I learn best	392	32%	35%
Games adapt to what I know – making it harder or easier for me	409	33%	36%
Games help me understand difficult subjects	450	36%	39%
Games help me connect what I am learning to real world situations	373	30%	33%
I like that games give you immediate feedback so you know how to improve	537	43%	44%
I would be more engaged in what we were studying	514	41%	45%
I would learn more about what we were studying	408	33%	36%
I would work longer at the game than other class activities	330	27%	29%
Learning would be more fun	600	48%	49%
My critical thinking and problem solving skills would improve	395	32%	35%
My grades would improve	415	33%	37%
School would be more interesting	579	47%	49%
I don't think I would like playing games in school	188	15%	13%
Other	52	4%	4%

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

Find experts online to answer my questions

Response	# of Responses	% Responses	National %
Never	404	34%	35%
Rarely	267	23%	23%
Sometimes	311	26%	27%
Often	126	11%	10%
All of the time	68	6%	4%

Play an online game or augmented/virtual simulation activity

Response	# of Responses	% Responses	National %
Never	314	27%	25%
Rarely	344	29%	30%
Sometimes	334	29%	29%
Often	124	11%	11%

| | 51 | 4% | 4% |

Post a question on a discussion board or forum

Response	# of Responses	% Responses	National %
Never	580	51%	51%
Rarely	266	23%	23%
Sometimes	199	17%	18%
Often	74	6%	6%
All of the time	27	2%	2%

Read an online news story or report

Response	# of Responses	% Responses	National %
Never	186	16%	18%
Rarely	289	25%	21%
Sometimes	382	33%	33%
Often	219	19%	20%
All of the time	81	7%	8%

Research a website to learn more about a topic

Response	# of Responses	% Responses	National %
Never	104	9%	9%
Rarely	138	12%	12%
Sometimes	377	33%	32%
Often	370	32%	31%
All of the time	158	14%	16%

Take a self-paced tutorial or online class

Response	# of Responses	% Responses	National %
Never	554	48%	45%
Rarely	278	24%	24%
Sometimes	188	16%	20%
Often	75	6%	8%
All of the time	57	5%	4%

Use online writing tools to improve my writing

Response	# of Responses	% Responses	National %
Never	385	34%	37%
Rarely	248	22%	23%
Sometimes	284	25%	24%
Often	139	12%	11%
All of the time	86	8%	6%

Use social media to identify people who share my interests

Response	# of Responses	% Responses	National %
Never	389	33%	33%
Rarely	205	18%	18%

Sometimes	242	21%	23%
Often	182	16%	15%
All of the time	143	12%	11%

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

Response	# of Responses	% Responses	National %
Never	356	31%	31%
Rarely	193	17%	18%
Sometimes	282	25%	24%
Often	179	16%	16%
All of the time	140	12%	11%

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

Response	# of Responses	% Responses	National %
Never	413	36%	38%
Rarely	282	24%	23%
Sometimes	293	25%	23%
Often	103	9%	10%
All of the time	64	6%	5%

Watch a video to learn how to do something

Response	# of Responses	% Responses	National %
Never	103	9%	10%
Rarely	197	17%	13%
Sometimes	383	33%	32%
Often	293	25%	26%
All of the time	192	16%	18%

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

Response	# of Responses	% Responses	National %
Augmented reality apps	271	23%	26%
Chromebook or laptop for every student to use at school	871	74%	67%
Cloud based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	624	53%	51%
Online site that tracks all of my school year information including grades, test scores and activities from kindergarten through high school even if I go to different schools	671	57%	58%
Digital content (animations, simulations, online articles and resources)	475	40%	46%
Google hangouts or other online group messaging in class	565	48%	48%
Interactive whiteboards	593	50%	50%
Internet access anywhere at school	808	69%	70%
Learning management systems (like Blackboard)	291	25%	33%
Mobile apps for learning	637	54%	54%
Online or virtual classes	468	40%	41%
Online tests and assessments	599	51%	52%

Online textbooks	709	60%	53%
Online tools that help organize schoolwork and provide access to important information	566	48%	49%
Online tutors	501	43%	45%
Online, video and digital games	559	47%	50%
Online videos and movies	588	50%	51%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	487	41%	44%
Tablet for every student to use at school	458	39%	42%
Tools to help students create media projects (like video, audio)	517	44%	48%
Virtual reality experiences and hardware (headsets and devices)	345	29%	33%
Other	59	5%	5%

18   **What is your experience or interest in taking a fully online or virtual class in any of these school subjects? Check which subjects you have taken online and which ones you would like to take online if they were offered at your school. If it does not apply to you, you can skip it.** *Please note, calculations are based on the total number of students that answered the question as a whole vs total number per sub-question as done with other grid scale questions on the survey.*

Art Appreciation

Response	# of Responses	% Responses	National %
Already taken online	87	9%	10%
Interested in taking online	360	36%	44%

Career Technical Education/Vocational Education

Response	# of Responses	% Responses	National %
Already taken online	99	10%	12%
Interested in taking online	350	35%	40%

College Preparation Skills/Study Skills

Response	# of Responses	% Responses	National %
Already taken online	99	10%	13%
Interested in taking online	466	47%	49%

Computer Science/Programming/Coding

Response	# of Responses	% Responses	National %
Already taken online	143	14%	15%
Interested in taking online	363	37%	42%

Creative Writing/Writing Skills

Response	# of Responses	% Responses	National %
Already taken online	109	11%	14%
Interested in taking online	355	36%	39%

English

Response	# of Responses	% Responses	National %
Already taken online	147	15%	22%

	# of Responses	% Responses	National %
Interested in taking online	279	28%	34%

English as a second/additional language

Response	# of Responses	% Responses	National %
Already taken online	86	9%	13%
Interested in taking online	245	25%	29%

Health

Response	# of Responses	% Responses	National %
Already taken online	209	21%	17%
Interested in taking online	302	30%	36%

Journalism/Yearbook

Response	# of Responses	% Responses	National %
Already taken online	66	7%	10%
Interested in taking online	331	33%	36%

Math

Response	# of Responses	% Responses	National %
Already taken online	169	17%	23%
Interested in taking online	281	28%	34%

Personal Finance

Response	# of Responses	% Responses	National %
Already taken online	69	7%	11%
Interested in taking online	357	36%	38%

Physical Education (P.E.)

Response	# of Responses	% Responses	National %
Already taken online	99	10%	16%
Interested in taking online	261	26%	31%

Psychology

Response	# of Responses	% Responses	National %
Already taken online	102	10%	10%
Interested in taking online	348	35%	42%

Science

Response	# of Responses	% Responses	National %
Already taken online	141	14%	19%
Interested in taking online	303	31%	36%

Social Studies/History/Government

Response	# of Responses	% Responses	National %

	138	14%	18%
Already taken online	138	14%	18%
Interested in taking online	276	28%	34%

Statistics

Response	# of Responses	% Responses	National %
Already taken online	72	7%	9%
Interested in taking online	286	29%	33%

Visual and performing arts (Music, Art, Drama, Media Arts)

Response	# of Responses	% Responses	National %
Already taken online	100	10%	12%
Interested in taking online	310	31%	40%

World or foreign languages

Response	# of Responses	% Responses	National %
Already taken online	157	16%	15%
Interested in taking online	369	37%	45%

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

Response	# of Responses	% Responses	National %
Applying what I have learned to practical problems	485	43%	46%
Collaborating with other students more	572	51%	48%
Communicating with my teacher more often	441	39%	41%
Getting better grades and test scores	519	46%	49%
Developing creativity skills	498	44%	46%
Developing critical thinking and problem solving skills	455	41%	41%
Understanding what I am learning better	475	42%	45%
In control over my learning	526	47%	46%
Learning at my own pace	552	49%	51%
Learning in a way that fits my learning style	463	41%	43%
More likely to complete homework assignments	452	40%	42%
More interested in what I am learning in class	387	35%	36%
Participating more in class discussions	331	30%	29%
Spending more time mastering a skill or learning something	388	35%	35%
Taking ownership for my learning	423	38%	37%
Using time at home for extended learning	368	33%	33%
Other	60	5%	5%

20 If your teacher(s) wants to share with you information about how well you are doing in that class or where you need to improve, what is the best way for them to do that?

Response	# of Responses	% Responses	National %
Call my cell phone or smartphone	199	17%	22%
Call my home phone	72	6%	10%
Give me a handwritten note	256	22%	28%
Just talk to me in class	769	67%	67%

Post it on our class website or school portal but in a way that only I can see it	325	28%	29%
Put the information on my report card	240	21%	25%
Send an automated phone message to my home phone	96	8%	11%
Send me a personal email	575	50%	49%
Set up a face to face meeting with me	269	23%	25%
Send me a text message	368	32%	31%
Use Skype, iChat or other online meeting tools to talk with me	62	5%	6%
Other	29	2%	3%

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

Facebook

Response	# of Responses	% Responses	National %
Never	395	35%	34%
Rarely	208	18%	15%
Sometimes	179	16%	16%
Often	134	12%	14%
All of the time	211	19%	21%

Instagram

Response	# of Responses	% Responses	National %
Never	204	18%	19%
Rarely	71	6%	7%
Sometimes	125	11%	12%
Often	255	23%	21%
All of the time	474	42%	41%

Musical.ly

Response	# of Responses	% Responses	National %
Never	875	80%	77%
Rarely	90	8%	8%
Sometimes	58	5%	7%
Often	16	1%	3%
All of the time	53	5%	5%

Pinterest

Response	# of Responses	% Responses	National %
Never	652	59%	56%
Rarely	133	12%	13%
Sometimes	148	13%	14%
Often	81	7%	8%
All of the time	85	8%	9%

Snapchat

Response	# of Responses	% Responses	National %

	# of Responses	% Responses	National %
Never	189	17%	18%
Rarely	43	4%	6%
Sometimes	85	8%	10%
Often	192	17%	16%
All of the time	610	54%	49%

Twitch

Response	# of Responses	% Responses	National %
Never	814	74%	74%
Rarely	90	8%	7%
Sometimes	87	8%	8%
Often	42	4%	5%
All of the time	64	6%	6%

Twitter

Response	# of Responses	% Responses	National %
Never	386	35%	45%
Rarely	125	11%	12%
Sometimes	117	11%	12%
Often	125	11%	11%
All of the time	352	32%	20%

YouTube

Response	# of Responses	% Responses	National %
Never	57	5%	4%
Rarely	68	6%	5%
Sometimes	210	19%	16%
Often	281	25%	25%
All of the time	491	44%	50%

Blogging sites (your own or others)

Response	# of Responses	% Responses	National %
Never	819	76%	71%
Rarely	107	10%	11%
Sometimes	83	8%	9%
Often	32	3%	4%
All of the time	40	4%	5%

Health and fitness tracking (like Fitbit, food tracker)

Response	# of Responses	% Responses	National %
Never	649	59%	60%
Rarely	157	14%	13%
Sometimes	146	13%	14%
Often	80	7%	7%
All of the time	70	6%	6%

Live streaming (like Facebook Live, Periscope, YouNow)

Response	# of Responses	% Responses	National %
Never	767	71%	65%
Rarely	130	12%	12%
Sometimes	107	10%	11%
Often	34	3%	5%
All of the time	49	4%	6%

Music streaming (like Pandora, iHeartRadio)

Response	# of Responses	% Responses	National %
Never	201	18%	20%
Rarely	63	6%	7%
Sometimes	148	13%	14%
Often	239	22%	19%
All of the time	454	41%	40%

Online games/apps (like Candy Crush, PokemonGo)

Response	# of Responses	% Responses	National %
Never	309	28%	29%
Rarely	203	18%	16%
Sometimes	262	24%	22%
Often	151	14%	15%
All of the time	176	16%	18%

Social messaging apps (like Facebook messenger, WhatsApp, GroupMe)

Response	# of Responses	% Responses	National %
Never	343	31%	28%
Rarely	159	14%	12%
Sometimes	193	18%	17%
Often	169	15%	16%
All of the time	236	21%	26%

Special interest discussion groups (like for games, arts, fandom)

Response	# of Responses	% Responses	National %
Never	668	62%	58%
Rarely	149	14%	13%
Sometimes	117	11%	12%
Often	58	5%	7%
All of the time	88	8%	9%

Sports news, scores, or streaming (like ESPN)

Response	# of Responses	% Responses	National %
Never	523	48%	49%
Rarely	130	12%	12%
Sometimes	142	13%	14%
Often	140	13%	11%

All of the time		160	15%	14%

Stream TV/movies (like Hulu, Netflix)

Response	# of Responses	% Responses	National %
Never	207	19%	18%
Rarely	72	7%	8%
Sometimes	174	16%	17%
Often	230	21%	21%
All of the time	400	37%	36%

Video messaging (like Skype, FaceTime, Google Hangouts)

Response	# of Responses	% Responses	National %
Never	296	27%	28%
Rarely	208	19%	16%
Sometimes	207	19%	20%
Often	177	16%	15%
All of the time	211	19%	20%

22 **Adults are concerned that some students may not use online tools appropriately. Are students in your school or community experiencing any of these things? Check the ones that you know about. If none or you do not know, check "None of the above."**

Response	# of Responses	% Responses	National %
Being bullied by other students using online messages	281	25%	23%
Being contacted online by strangers	217	20%	21%
Copying other students' work or copying from the Internet (plagiarism)	433	39%	32%
Giving out passwords and account information to others who should not have that information	176	16%	16%
Going to social media sites in class when that is not allowed	466	42%	32%
Have schoolwork deleted by other students from online school sites	121	11%	11%
Photos of me or my friends used by others without my permission	185	17%	15%
Seeing websites with inappropriate content	195	18%	18%
Sharing or receiving nude or suggestive images	203	18%	18%
Signing up for social media accounts without permission	169	15%	13%
Students going around school filters and firewalls	167	15%	18%
Students having online discussions about planned drug or alcohol abuse	176	16%	14%
Students making threats of fighting or school violence in online messages	183	17%	17%
Students sharing too much personal information online	244	22%	21%
Students talking about hurting themselves in online messages	187	17%	16%
Using a smartphone to cheat on a test	291	26%	25%
None of the above	369	33%	38%

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

Response	# of Responses	% Responses	National %
For personal reading, I would rather read digital text (such as reading an online story on a tablet) than read a hardcopy, printed book	184	17%	20%
I like learning about new ideas	633	58%	57%

I like learning how to do things	706	64%	66%
I like learning how to make or build things	557	51%	51%
I like learning when I can be in control of when and how I learn	546	50%	48%
I know how to be safe when I am online	655	60%	59%
I know how to detect bias or opinions in the information that I read online	519	47%	44%
I know how to evaluate the accuracy of information I find online	479	44%	41%
I use technology more outside of school than I do when I am at school	659	60%	54%
Knowing how to use technology is an important skill that will help me in the future	547	50%	49%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	152	14%	17%

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

Response	# of Responses	% Responses	National %
In a classroom during the school day	900	81%	77%
In the school library or media center during the school day	512	46%	45%
At school – before the start of class	706	64%	52%
At school – after school day has ended	603	54%	48%
Where I live	924	83%	78%
Where other family members live	497	45%	39%
At a friend's house	600	54%	45%
At the public library	220	20%	20%
After school recreational or tutoring center	129	12%	12%
At a fast food restaurant or coffee shop	324	29%	28%
On a school bus or public transportation	250	22%	18%
None of the above	34	3%	4%
Other	41	4%	3%

25 **How often do you get information about news or current events from these sources?**
Do a general Internet search on a current event topic

Response	# of Responses	% Responses	National %
Rarely or never	322	30%	31%
At least once a month	225	21%	21%
At least once a week	279	26%	26%
Daily or almost daily	165	16%	15%
Several times a day	66	6%	7%

Follow a Twitter hashtag that is trending

Response	# of Responses	% Responses	National %
Rarely or never	569	54%	59%
At least once a month	140	13%	13%
At least once a week	184	17%	14%
Daily or almost daily	99	9%	8%
Several times a day	61	6%	5%

Get news from an email blast

Response	# of Responses	% Responses	National %
Rarely or never	593	59%	60%
At least once a month	176	17%	15%
At least once a week	125	12%	14%
Daily or almost daily	79	8%	7%
Several times a day	34	3%	4%

Get news pushed to me from my social media outlets

Response	# of Responses	% Responses	National %
Rarely or never	322	31%	35%
At least once a month	140	13%	14%
At least once a week	250	24%	21%
Daily or almost daily	199	19%	18%
Several times a day	127	12%	11%

Have a friend or family member text me with news updates

Response	# of Responses	% Responses	National %
Rarely or never	366	35%	37%
At least once a month	199	19%	19%
At least once a week	232	22%	22%
Daily or almost daily	158	15%	14%
Several times a day	82	8%	9%

Listen to a news story on a radio

Response	# of Responses	% Responses	National %
Rarely or never	404	39%	42%
At least once a month	214	20%	18%
At least once a week	227	22%	21%
Daily or almost daily	148	14%	13%
Several times a day	52	5%	5%

Listen to a news story online

Response	# of Responses	% Responses	National %
Rarely or never	459	45%	45%
At least once a month	213	21%	18%
At least once a week	191	19%	20%
Daily or almost daily	116	11%	11%
Several times a day	39	4%	6%

Read a news story in print

Response	# of Responses	% Responses	National %
Rarely or never	558	55%	56%
At least once a month	224	22%	19%
At least once a week	152	15%	15%
Daily or almost daily	56	5%	6%
Several times a day	33	3%	3%

Read a news story online

Response	# of Responses	% Responses	National %
Rarely or never	333	33%	34%
At least once a month	223	22%	19%
At least once a week	242	24%	24%
Daily or almost daily	144	14%	15%
Several times a day	74	7%	8%

Receive a text message with a news alert

Response	# of Responses	% Responses	National %
Rarely or never	481	46%	48%
At least once a month	237	23%	20%
At least once a week	173	17%	17%
Daily or almost daily	95	9%	9%
Several times a day	54	5%	6%

Use mobile apps on my smartphone

Response	# of Responses	% Responses	National %
Rarely or never	256	25%	26%
At least once a month	110	11%	11%
At least once a week	185	18%	18%
Daily or almost daily	202	20%	19%
Several times a day	281	27%	27%

Watch a news program on TV

Response	# of Responses	% Responses	National %
Rarely or never	268	26%	29%
At least once a month	203	20%	17%
At least once a week	250	24%	24%
Daily or almost daily	210	20%	19%
Several times a day	98	10%	11%

Watch a video news story online

Response	# of Responses	% Responses	National %
Rarely or never	370	36%	37%
At least once a month	225	22%	19%
At least once a week	225	22%	21%
Daily or almost daily	133	13%	13%
Several times a day	73	7%	10%

26 **Many people around the world are interested in having more students pursue careers in science, technology, math, or engineering. Are you interested in a job or career in any of these fields?**

Response	# of Responses	% Responses	National %
Not interested	258	24%	23%

Somewhat interested	458	42%	43%
Very interested	377	34%	33%

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

Response	# of Responses	% Responses	National %
Attend a student conference on different careers	379	35%	37%
Get real life experience (like working a part-time job, internship, or volunteering)	771	72%	71%
Go to summer camp (like space camp)	250	23%	28%
Follow experts in different careers on social media	361	34%	35%
Have career professionals teach lessons at school	506	47%	49%
Learn from teachers who have worked in a career field before becoming a teacher	382	36%	40%
Participate in an after school program	338	32%	33%
Participate in competitions to see how I rank compared to other students interested in that career	270	25%	27%
Play an online or digital game about a career	306	29%	31%
Shadow a career professional for a day	594	55%	47%
Take an online class about a particular career field	342	32%	33%
Take career technical education classes at my school or local college	307	29%	29%
Take field trips to see and talk with people working in those jobs	511	48%	48%
Understand why learning additional languages will help me with future jobs	225	21%	25%
Use an online quiz to identify my career interests or strengths	324	30%	33%
Use mobile apps or websites to explore careers	291	27%	31%
Watch videos about different jobs	344	32%	33%
Work with mentors from different career fields	301	28%	30%
Watch TEDTalks with experts talking about their careers	207	19%	21%

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

Response	# of Responses	% Responses	National %
Not interested	464	43%	36%
Somewhat interested	364	34%	38%
Very interested	167	16%	20%
Already doing that	77	7%	6%

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

Response	# of Responses	% Responses	National %
AVID (Advancement Via Individual Determination)	39	4%	6%
Computer programming or coding club	77	8%	8%
Future Teacher Academy or Educators Rising chapter(s)	45	5%	5%
IB (International Baccalaureate)	33	3%	5%
Model United Nations or Model Congress	48	5%	5%
National Honors Society	148	15%	13%
Robotics or advanced technology club	109	11%	7%

School Video Production Team	52	5%	5%
STEM (Science, Technology, Engineering, and Mathematics) Academy	86	9%	11%
Student Government/Student Council	88	9%	8%
Student Tech Support Team	31	3%	4%
Visual and Performing Arts Academy	95	10%	9%
World Language Club or after school language class	114	12%	9%
None of the above	516	53%	54%

31   Does your school promote online learning (i.e., micourses.org or online classes through MVU)?

Response	# of Responses	% Responses	National %
Yes	585	53%	53%
No	251	23%	23%
I didn't know these were available to me	262	24%	24%

32   Do you use technology outside of school?

Response	# of Responses	% Responses	National %
Yes	1067	97%	97%
No	31	3%	3%