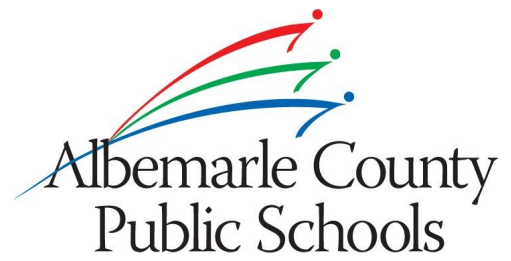
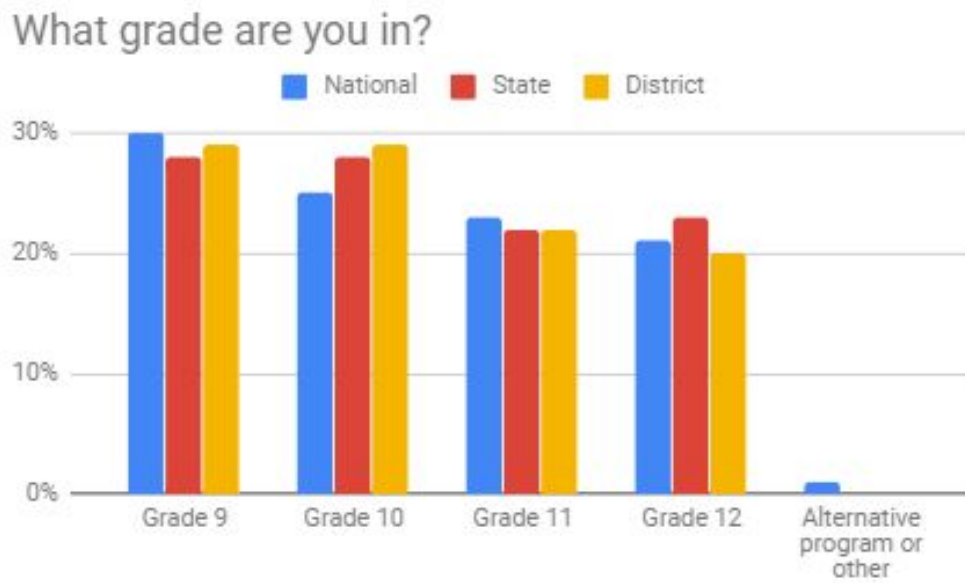


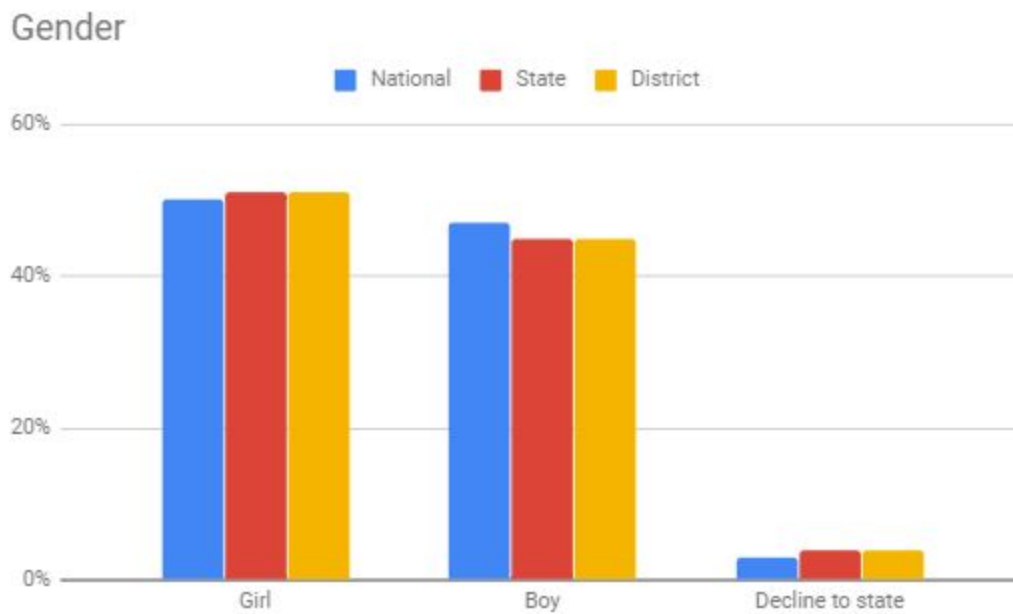
Speak Up Survey Results Grades 9-12



Q1.

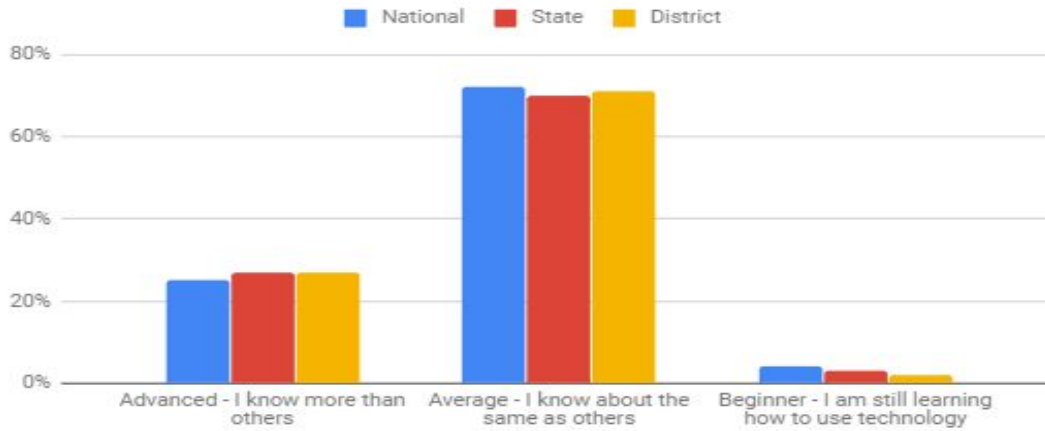


Q2.



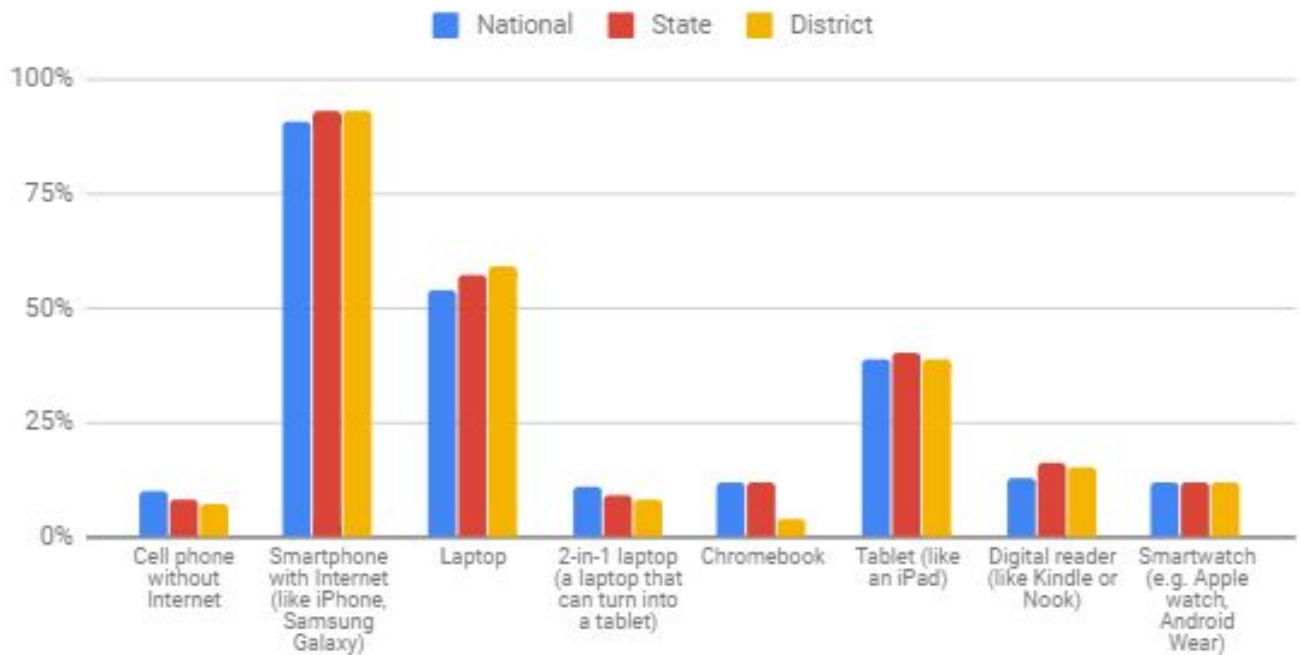
Q3.

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



Q4.

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



Q5. 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?

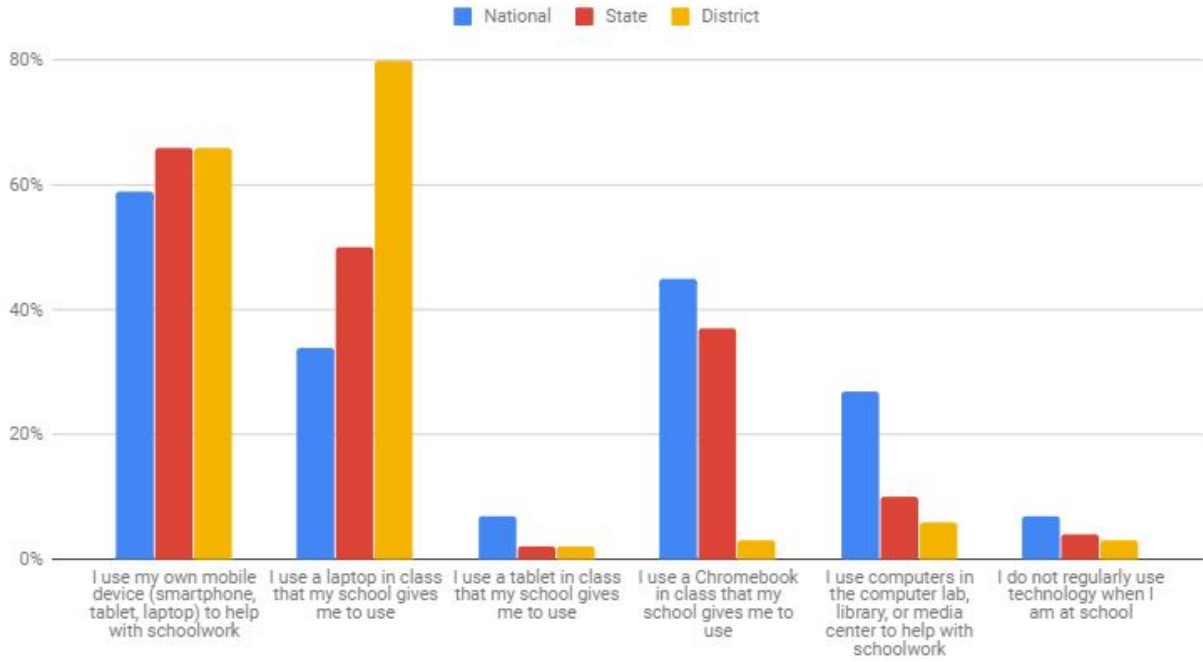
	National	State	District
Use a computer with a slow Internet connection (like dialup through a landline)	4%	4%	5%
Use a computer with a hardwired, fast Internet connection (like DSL, Broadband, or cable)	20%	22%	25%
Use a family computer or laptop that connects to the Internet via Wifi	18%	14%	14%
Use family members' smartphones and tablets that connect to the Internet via Wifi	2%	1%	1%
Use my own smartphone or tablet that connects to the Internet via Wifi	30%	20%	15%
Use school provided laptops or tablets that connect to the Internet via Wifi	22%	36%	37%
I cannot access the Internet when I am at home	4%	3%	3%

Q6. What prevents you from using technology at your school?

	National	State	District
Internet access is not schoolwide	14%	16%	12%
Internet is too slow or inconsistent	54%	67%	63%
Lack of computers for students to use at school	12%	4%	3%
My school blocks websites I need for schoolwork	44%	45%	27%
Not allowed to text with classmates	31%	25%	23%
Not allowed to use my mobile devices at school	39%	29%	24%
Not allowed to use social media	35%	31%	29%
Teachers don't know how to use technology for learning	15%	18%	16%
Teachers limit our technology use	43%	39%	34%
Too many rules against using technology	41%	35%	26%
I don't use technology at school	3%	2%	2%
Other	7%	8%	9%

Q7.

Which of these are true for you most of the time when you are at school?



Q8. How do you use mobile devices (smartphones, laptops, tablets, Chromebooks) to help you with schoolwork or studying?

	National	State	District
Check grades	87%	91%	93%
Create documents to share with my classmates and teachers	61%	68%	70%
Email my teachers with questions	57%	71%	76%
Look up school or class information	71%	76%	78%
Play online or digital games for learning	25%	25%	23%
Read digital books or online articles	39%	41%	43%
Receive reminders and alerts about due dates for assignments and upcoming tests	50%	54%	51%
Research on the Internet	75%	77%	75%
Skype or Facetime with other students	16%	18%	19%
Take notes in class	43%	43%	41%
Take online tests or quizzes	59%	63%	61%
Take photos of class assignments or textbook pages	50%	52%	52%
Text classmates for help with schoolwork	45%	48%	50%
Text my teachers with questions	16%	16%	15%
Upload homework to a class website or portal	39%	38%	42%
Use online dictionary or thesaurus	50%	51%	47%
Use online textbooks	37%	33%	26%
Watch a video made by my teacher	27%	33%	33%
Watch educational videos (like Kahn Academy)	36%	41%	41%
Work with other students on a project or comment on their work	43%	50%	49%
I don't use a mobile device	2%	2%	2%
Other	2%	2%	2%

Q9. Which of these statements are true for you about your experiences in school?

	National	State	District
Being able to use a mobile device in class is important for my learning	50%	53%	51%
Doing well in school is important to me	80%	82%	82%
For schoolwork reading, I would rather use a tablet or laptop than read a printed textbook	26%	21%	18%
I am interested in what I am learning at school	41%	43%	45%
I am learning skills at school that will help me in the future	46%	45%	45%
I believe that my school cares about me as a person	31%	30%	34%
I learn more when I watch a video or movie than when I read a book or article	37%	34%	31%
I wish my classes were more interesting	53%	54%	49%
I wish my teachers used more technology in my classes	27%	21%	18%
I would learn more if I could use more technology in my classes	22%	17%	14%
Teachers are important to my learning	47%	51%	50%
The subjects that I am learning at school are important for my future	36%	35%	35%
The way we use technology in school is not helpful for my learning	13%	13%	10%
There is at least one adult at school that I can talk to about school or personal problems	33%	36%	38%
Using technology in my classes increases my interest in learning	31%	26%	23%

Q10. Which of these types of digital content do you use **at least monthly** in your classroom to support learning?

	National	State	District
Augmented or virtual reality environments	7%	7%	6%
Animations and simulations	18%	20%	21%
Digital content subscriptions (like Discovery Education)	15%	14%	10%
Digital, video, or online games (like Kahoot, Minecraft)	54%	59%	55%
Google Apps for Education (like Google Docs, Google Slides etc.)	65%	71%	69%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	35%	28%	32%
Online curriculum	22%	21%	23%
Online databases (like census data, education statistics)	17%	19%	21%
Online tests or assessments	51%	55%	51%
Online textbooks	38%	31%	24%
Primary source documents (like from the Library of Congress or NewseumED.org)	13%	15%	16%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	17%	20%	20%
Social media tools	15%	15%	17%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	17%	17%	15%
Speech recognition software or apps	5%	5%	4%
Tutorials	22%	19%	20%
Videos that my teachers create for us to watch	22%	27%	27%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	30%	34%	36%
Virtual labs	14%	18%	19%
Web-based conferencing and online meeting tools	4%	4%	4%
Other	3%	3%	2%

Q11. If you had the option to take a fully virtual class where the teacher provided instruction online and you participated in the class through your computer, what subject(s) would you like to take in that online format?

	National	State	District
Art Appreciation	16%	11%	9%
Career Technical Education	16%	12%	9%
College Preparation Skills	28%	26%	21%
Computer Science/Programming/Coding	23%	22%	19%
Creative Writing/Writing Skills	21%	17%	15%
English	31%	26%	23%
English as a second/additional language	7%	5%	4%
Health	24%	26%	30%
Journalism/Yearbook	13%	9%	6%
Math	29%	23%	20%
Personal Finance	17%	26%	28%
Physical Education (P.E.)	13%	16%	19%
Psychology	19%	16%	12%
Science	27%	23%	18%
Social Studies/History/Government	24%	20%	14%
Statistics	10%	10%	9%
Visual and performing arts	16%	11%	8%
World or foreign languages	26%	24%	21%
I am not interested in an online class	20%	22%	22%
Other	4%	4%	3%

Q12. Digital citizenship is the set of norms of appropriate, responsible behavior with regard to technology use. Which of these types of digital citizenship are you learning about in school?

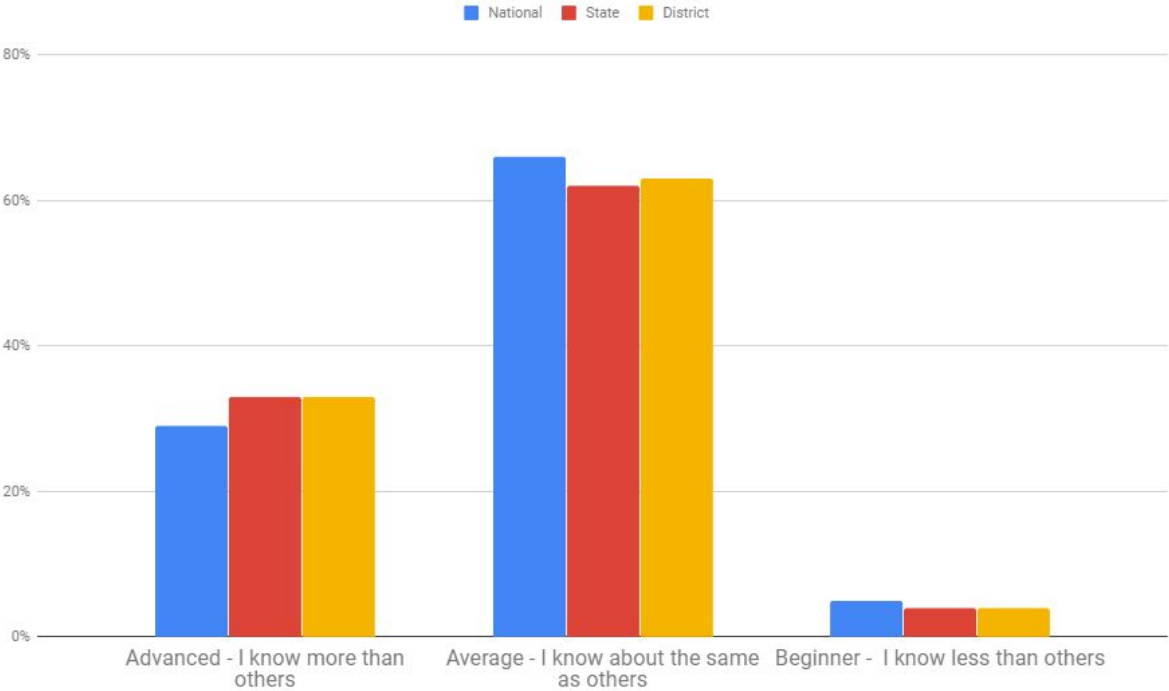
	National	State	District
Appreciating that everyone has digital rights as well as responsibilities to the society at large	38%	39%	41%
Knowing how to be safe online and use safeguards to protect our information and ourselves	53%	53%	55%
Knowing how to use various communications tools appropriately	40%	40%	40%
Knowing how to use, and how to learn to use, technology for learning purposes	52%	53%	52%
Learning how to be an effective consumer in a digital economy	24%	22%	23%
Learning how to protect one's self from the physical and psychological dangers of technology use	37%	37%	37%
Understanding ethical and lawful use of digital tools	33%	36%	35%
Understanding that not everyone has access to technology	38%	39%	37%
Understanding what are appropriate and inappropriate digital behaviors	47%	49%	47%

Q13. Who has had the biggest influence on what you know about being a good digital citizen?

	National	State	District
Afterschool program leader	5%	4%	3%
Classroom teacher	38%	30%	31%
Community volunteer	6%	4%	4%
Computer teacher	15%	11%	8%
Law enforcement officer	10%	11%	7%
Media specialist	8%	7%	6%
Other students	20%	18%	19%
Parent	49%	50%	50%
School librarian	7%	7%	9%
Learning on my own	44%	48%	45%
No one has taught me this	10%	11%	10%
Other	5%	5%	4%

Q14.

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



Q15. Imagine you are designing your dream school. Which of these tools would have the greatest positive impact on your learning?

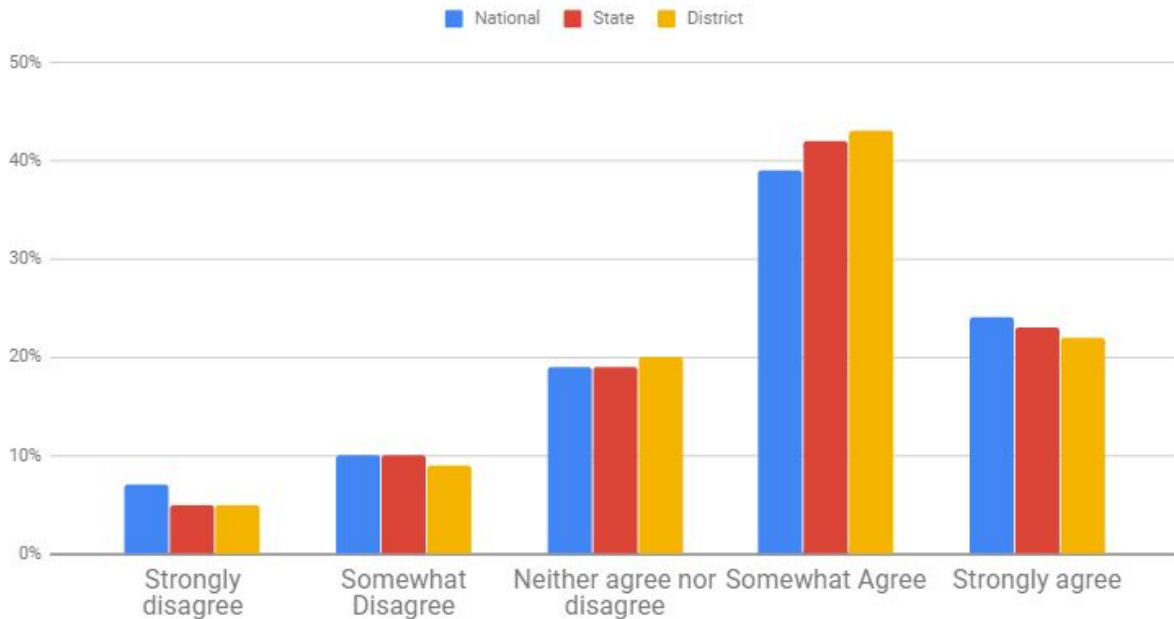
Imagine you are designing your dream school. Which of these tools would have the greatest positive impact on your learning? (Check all that apply)	National	State	District
Augmented reality apps	23%	24%	22%
Chromebook or laptop for every student to use at school	62%	61%	58%
Cloud-based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	44%	47%	46%
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	54%	57%	54%
Digital content (animations, simulations, online articles, and resources)	41%	41%	40%
Google Hangouts or other online group messaging in class	40%	39%	36%
Interactive whiteboards	47%	47%	43%
Internet access anywhere at school	63%	66%	64%
Learning management systems (like Blackboard)	24%	35%	41%
Mobile apps for learning	46%	44%	41%
Online or virtual classes	39%	39%	38%
Online tests and assessments	48%	45%	41%
Online textbooks	46%	40%	34%
Online tools that help organize schoolwork and provide access to important information	40%	41%	38%
Online tutors	41%	39%	36%
Online, video, and digital games	42%	40%	37%
Online videos and movies	44%	43%	41%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	35%	33%	30%
Tablet for every student to use at school	34%	30%	28%
Tools to help students create media projects (like video, audio)	40%	40%	38%
Virtual reality experiences and hardware (headsets and devices)	29%	28%	26%
Other	5%	5%	5%

Q16. As a result of using technology, I am...

	National	State	District
Applying what I have learned to practical problems	41%	38%	37%
Collaborating with other students more	47%	48%	52%
Communicating with my teacher more often	38%	43%	45%
Getting better grades and test scores	46%	41%	41%
Developing creativity skills	43%	36%	35%
Developing critical thinking and problem solving skills	35%	29%	28%
Understanding what I am learning better	38%	33%	32%
In control of my learning	46%	43%	43%
Learning at my own pace	47%	40%	38%
Learning in a way that fits my learning style	37%	31%	29%
More likely to complete homework assignments	37%	34%	33%
More interested in what I am learning in class	29%	23%	21%
Participating more in class discussions	23%	17%	16%
Spending more time mastering a skill or learning something	28%	23%	21%
Taking ownership for my learning	33%	29%	29%
Using time at home for extended learning	31%	30%	29%
I don't believe that the use of technology would benefit my learning	9%	10%	8%
Other	3%	3%	2%

Q17.

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



Q18. Why would being successful with math be important for your future?

	National	State	District
To be able to compete with better educated workers around the globe	41%	42%	41%
To be an informed citizen	37%	38%	36%
To be successful in a future job	63%	61%	59%
To be successful in college	63%	62%	61%
To earn good grades	64%	65%	65%
To get into college	63%	63%	64%
To graduate from high school	65%	65%	64%
To develop problem solving and critical thinking skills	51%	50%	47%
To make informed decisions in the future	39%	39%	35%
To support learning in other subject areas	36%	37%	36%
I don't think that math is important for my future	10%	10%	9%
I don't know	6%	6%	5%
Other	3%	4%	4%

Q19. Which of these would help you become more successful with math?

	National	State	District
Having an online math tutor	33%	29%	29%
Using a class blog or wiki to share ideas with my classmates	16%	13%	11%
Talking to people who use math in their careers	35%	30%	29%
Discussing how I solved a problem with my classmates	41%	40%	40%
Doing hands-on math activities and experiments	48%	47%	44%
Doing math problems from a textbook	34%	28%	29%
Helping other students learn math	32%	31%	31%
Knowing how I compared to other students	28%	26%	23%
Learning from a teacher who has a college degree or work experience in math	43%	45%	45%
Learning from a teacher who is excited about math	44%	48%	48%
Learning math by solving real-world problems	37%	37%	34%
Being able to work through math problems at my own pace	45%	45%	42%
Participating in math competitions	12%	10%	9%
Understanding why math is important in my life	28%	28%	27%
Taking an online class in math	18%	13%	11%
Using animations and simulations to help me visualize difficult math concepts	19%	19%	16%
Using computer programs to practice math skills	23%	21%	19%
Using online or computer games that teach math	22%	19%	16%
Using statistical databases	10%	8%	8%
Watching videos that teach me how to do math	24%	24%	23%
Other	5%	5%	5%

Q20. What is your level of interest today in a future job or career in any of these fields?

Science

	National	State	District
Not interested	31%	29%	28%
Somewhat interested	40%	38%	38%
Very interested	29%	33%	34%

Technology/computer science/digital media

	National	State	District
Not interested	37%	41%	41%
Somewhat interested	40%	38%	39%
Very interested	23%	21%	19%

Engineering

	National	State	District
Not interested	43%	44%	41%
Somewhat interested	33%	34%	36%
Very interested	24%	22%	23%

Math

	National	State	District
Not interested	47%	47%	44%
Somewhat interested	35%	35%	38%
Very interested	18%	17%	18%

Teaching

	National	State	District
Not interested	56%	59%	58%
Somewhat interested	32%	31%	32%
Very interested	12%	10%	10%

Journalism

	National	State	District
Not interested	60%	62%	60%
Somewhat interested	29%	29%	31%
Very interested	11%	9%	9%

Visual, written and performing arts

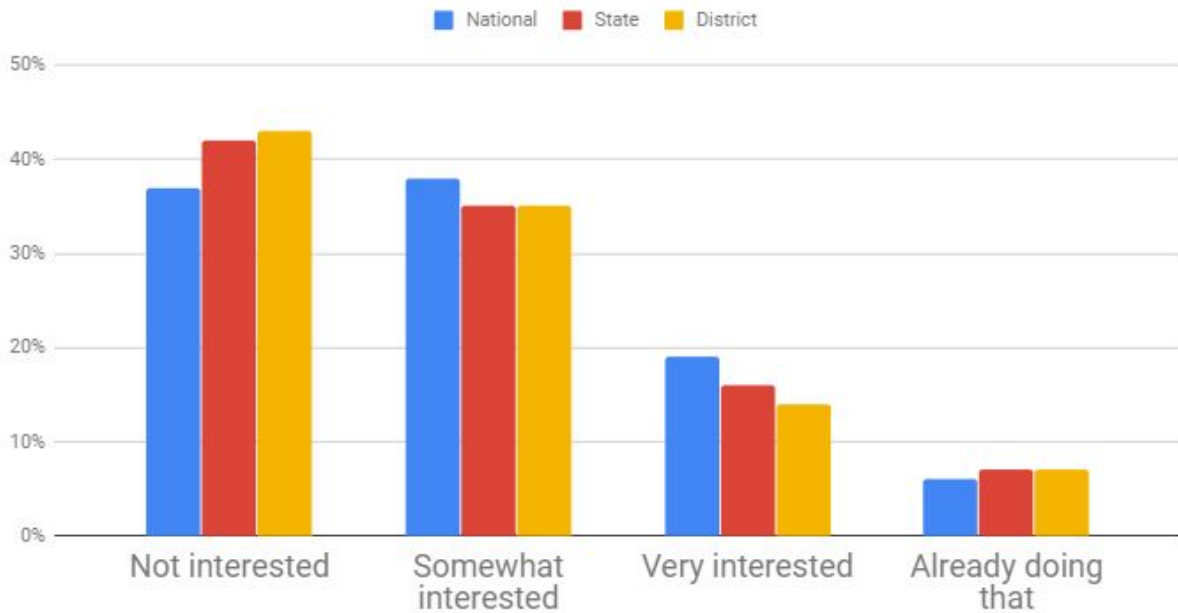
	National	State	District
Not interested	45%	48%	47%
Somewhat interested	32%	31%	33%
Very interested	23%	21%	20%

Q21. How would you like to explore future careers or get prepared for a future job?

	National	State	District
Attend a student conference on different careers	41%	41%	42%
Get real life experience (like working a part-time job, internship, or volunteering)	70%	73%	73%
Go to summer camp (like space camp)	29%	33%	34%
Follow experts in different careers on social media	32%	32%	33%
Have career professionals teach lessons at school	48%	49%	47%
Learn from teachers who have worked in a career field before becoming a teacher	37%	38%	38%
Participate in an after school program	31%	30%	28%
Participate in competitions to see how I rank compared to other students interested in that career	21%	20%	20%
Play an online or digital game about a career	25%	22%	21%
Shadow a career professional for a day	49%	54%	51%
Take an online class about a particular career field	29%	26%	24%
Take career technical education classes at my school or local college	26%	23%	21%
Take field trips to see and talk with people working in those jobs	46%	47%	43%
Understand why learning additional languages will help me with future jobs	21%	20%	18%
Use an online quiz to identify my career interests or strengths	29%	29%	27%
Use mobile apps or websites to explore careers	24%	21%	19%
Watch videos about different jobs	28%	25%	24%
Work with mentors from different career fields	27%	29%	28%
Watch TEDTalks with experts talking about their careers	20%	23%	24%

Q22.

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?



Q23. 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

	National	State	District
Never	35%	37%	35%
Rarely	24%	24%	24%
Sometimes	27%	27%	28%
Often	10%	9%	9%
All of the time	5%	3%	3%

Play an online game or augmented/virtual simulation activity

	National	State	District
Never	27%	31%	31%
Rarely	25%	26%	29%
Sometimes	29%	28%	28%
Often	12%	10%	9%
All of the time	7%	4%	3%

Post a question on a discussion board or forum

	National	State	District
Never	49%	52%	49%
Rarely	23%	22%	23%
Sometimes	20%	20%	21%
Often	6%	5%	5%
All of the time	3%	2%	1%

Read an online news story or report

	National	State	District
Never	19%	16%	13%
Rarely	19%	18%	18%
Sometimes	33%	34%	35%
Often	20%	22%	23%
All of the time	9%	9%	10%

Research a website to learn more about a topic

	National	State	District
Never	11%	11%	9%
Rarely	12%	12%	12%
Sometimes	32%	33%	34%
Often	28%	28%	28%
All of the time	17%	17%	17%

Take a self-paced tutorial or online class

	National	State	District
Never	41%	45%	43%
Rarely	22%	22%	23%
Sometimes	23%	21%	23%
Often	9%	8%	8%
All of the time	5%	4%	3%

Use online writing tools to improve my writing

	National	State	District
Never	36%	36%	32%
Rarely	21%	22%	22%
Sometimes	25%	26%	29%
Often	11%	10%	11%
All of the time	6%	6%	5%

Use social media to identify people who share my interests

	National	State	District
Never	26%	26%	27%
Rarely	17%	17%	19%
Sometimes	26%	27%	28%
Often	17%	17%	15%
All of the time	14%	13%	11%

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

	National	State	District
Never	25%	26%	25%
Rarely	16%	16%	18%
Sometimes	26%	27%	29%
Often	18%	17%	16%
All of the time	14%	14%	12%

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

	National	State	District
Never	38%	35%	28%
Rarely	22%	22%	24%
Sometimes	24%	26%	30%
Often	10%	11%	12%
All of the time	6%	6%	6%

Watch a video to learn how to do something

	National	State	District
Never	10%	9%	7%
Rarely	11%	11%	12%
Sometimes	31%	33%	34%
Often	26%	27%	26%
All of the time	22%	20%	20%

Q24. Which of these statements are true for you about your experiences outside of school?

	National	State	District
For personal reading, I would rather use a tablet or laptop than read a printed book	21%	15%	14%
I have stronger personal relationships because of my use of social media	39%	38%	37%
I like learning about new ideas	61%	63%	63%
I like learning how to do things	69%	70%	70%
I like learning how to make or build things	51%	50%	49%
I like learning when I can be in control of when and how I learn	48%	49%	48%
I know how to be safe when I am online	56%	58%	59%
I know how to detect bias or opinions in the information that I read online	42%	50%	49%
I know how to evaluate the accuracy of information I find online	38%	43%	43%
I use technology more outside of school than I do when I am at school	50%	52%	49%
I worry that I sometimes spend too much time online with my social media accounts	24%	27%	26%
Knowing how to use technology is an important skill that will help me in the future	41%	44%	42%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	12%	12%	9%

Q25. Since school started this year, check all of the places where you have used the Internet to do homework or schoolwork assignments?

	National	State	District
In a classroom during the school day	78%	81%	82%
In the school library or media center during the school day	45%	50%	53%
At school – before the start of class	55%	59%	61%
At school – after school day has ended	48%	47%	47%
Where I live	78%	82%	83%
Where other family members live	39%	39%	40%
At a friend's house	44%	44%	46%
At the public library	20%	21%	27%
After school recreational or tutoring center	11%	10%	12%
At a fast food restaurant or coffee shop	28%	30%	33%
On a school bus or public transportation	19%	22%	20%
None of the above	3%	3%	2%
Other	3%	2%	2%

Q26. How often do you use these social media tools or online activities in your free time (not for schoolwork)?

Facebook

	National	State	District
Never	40%	47%	51%
Rarely	17%	18%	19%
Sometimes	15%	15%	16%
Often	12%	9%	8%
All of the time	16%	9%	7%

Instagram

	National	State	District
Never	17%	18%	17%
Rarely	7%	7%	7%
Sometimes	13%	13%	13%
Often	23%	25%	25%
All of the time	40%	38%	39%

Snapchat

	National	State	District
Never	15%	17%	17%
Rarely	5%	4%	4%
Sometimes	9%	10%	11%
Often	18%	19%	19%
All of the time	53%	50%	48%

Twitter

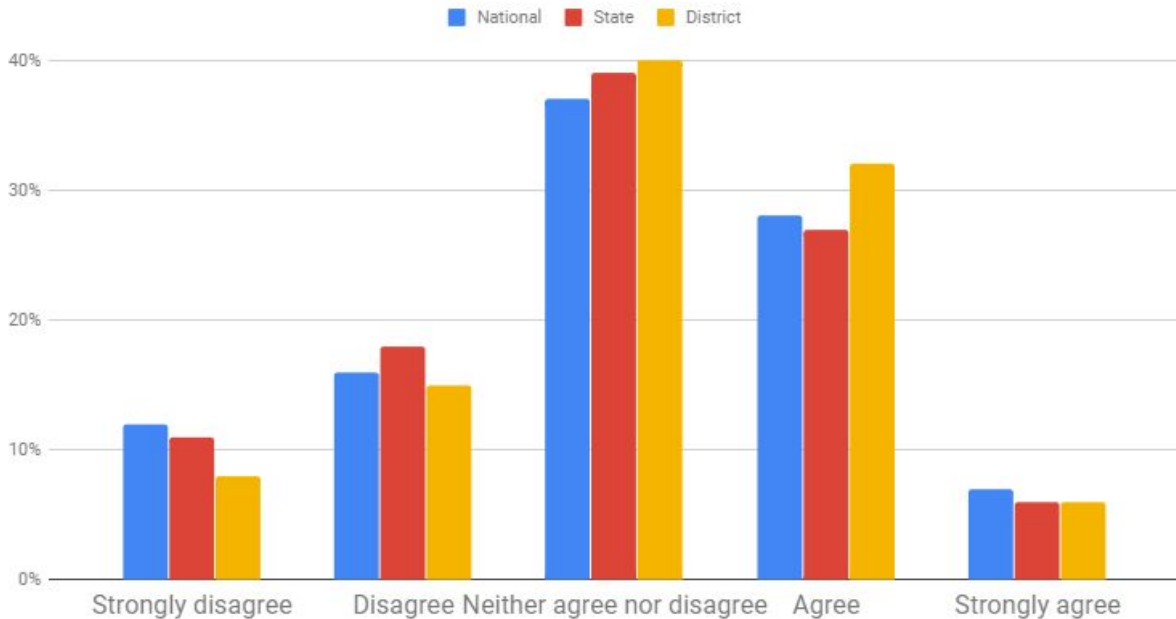
	National	State	District
Never	50%	50%	50%
Rarely	13%	13%	14%
Sometimes	13%	13%	15%
Often	10%	11%	10%
All of the time	15%	13%	10%

YouTube

	National	State	District
Never	3%	3%	3%
Rarely	5%	6%	6%
Sometimes	14%	16%	17%
Often	24%	26%	26%
All of the time	53%	49%	48%

Q27.

Administrators and teachers at our school are interested in listening to and acting upon ideas from students about how to improve school and our education.



Q28. Are you participating in any of these programs at your school this year?

	National	State	District
AVID (Advancement Via Individual Determination)	6%	6%	9%
Computer programming or coding club	8%	8%	7%
Future Teacher Academy or Educators Rising chapter	5%	4%	4%
IB (International Baccalaureate)	4%	3%	3%
Model United Nations or Model Congress	5%	6%	7%
National Honors Society	14%	18%	17%
Robotics or advanced technology club	7%	6%	6%
School Video Production Team	5%	4%	4%
STEM (Science, Technology, Engineering, and Mathematics) Academy	9%	10%	13%
Student Government/Student Council	8%	6%	5%
Student Tech Support Team	4%	3%	3%
Visual and Performing Arts Academy	9%	7%	7%
World Language Club or after school language class	8%	12%	11%
None of the above	54%	52%	49%