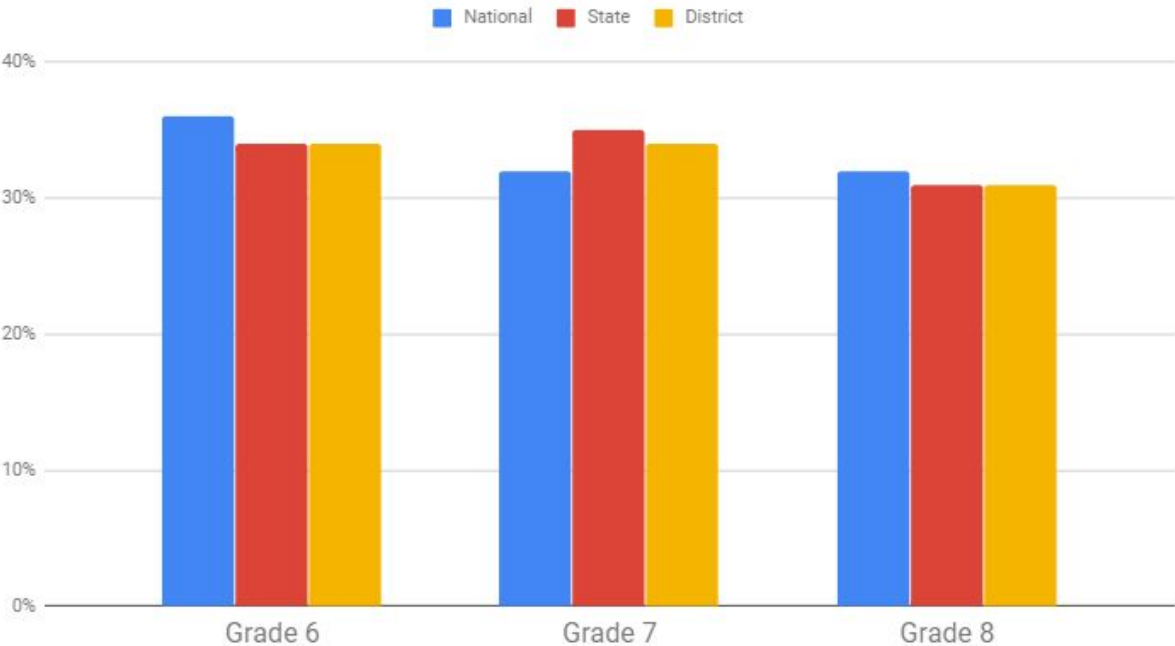


Speak Up Survey Results Grades 6 - 8



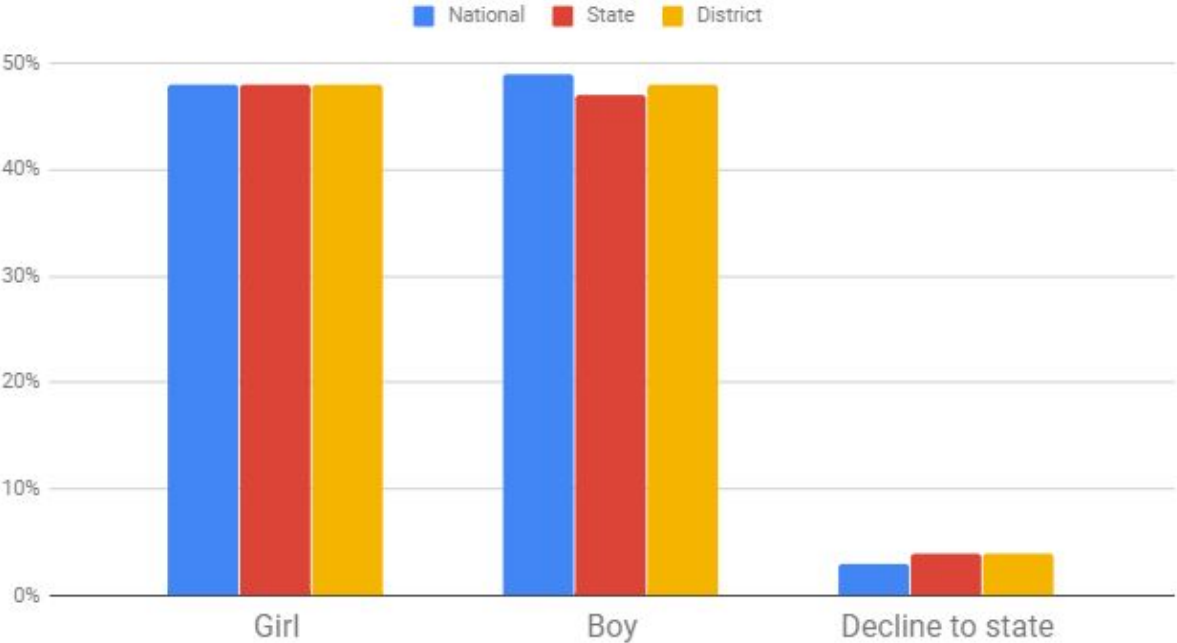
Q1.

What grade are you in?



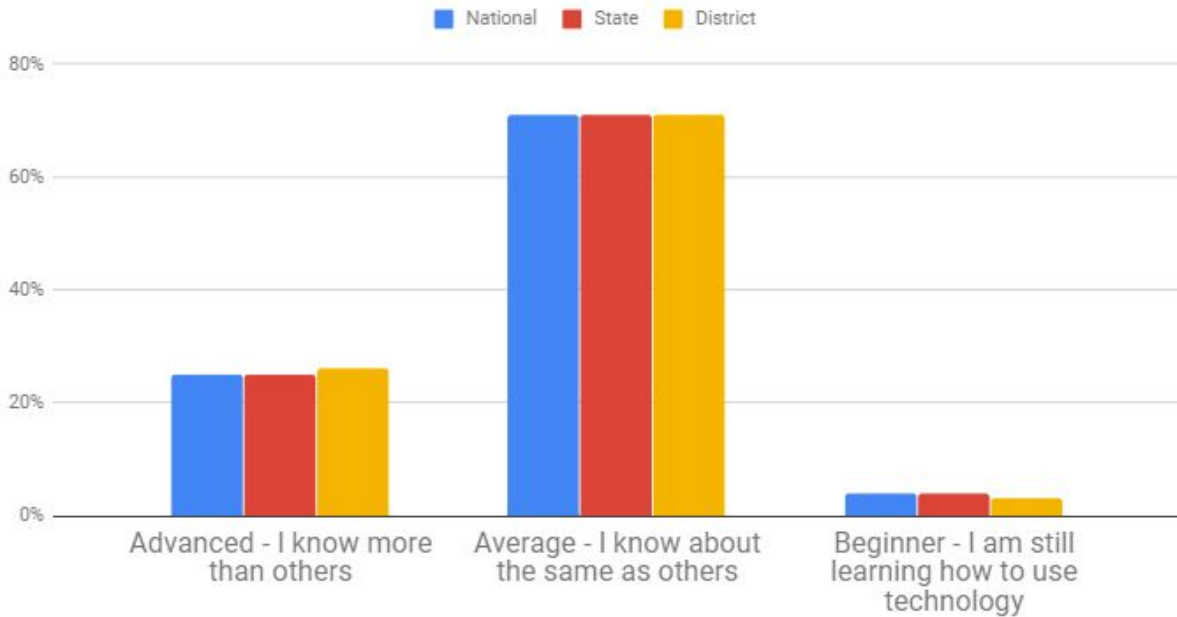
Q2.

Gender



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)? (Check all that apply)

	National	State	District
Cell phone without Internet	13%	12%	12%
Smartphone with Internet (like iPhone, Samsung Galaxy)	79%	78%	77%
Laptop	48%	52%	55%
2-in-1 laptop (a laptop that can turn into a tablet)	13%	12%	10%
Chromebook	13%	16%	6%
Tablet (like an iPad)	55%	60%	59%
Digital reader (like Kindle or Nook)	14%	20%	20%
Smartwatch (e.g. Apple watch, Android Wear)	15%	16%	15%

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)	19%	17%	18%
Use a family computer or laptop that connects to the Internet via Wifi	20%	13%	13%
Use family members' smartphones and tablets that connect to the Internet via Wifi	4%	2%	2%
Use my own smartphone or tablet that connects to the Internet via Wifi	31%	16%	14%
Use school provided laptops or tablets that connect to the Internet via Wifi	17%	45%	45%
I cannot access the Internet when I am at home	5%	4%	3%

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

	National	State	District
Internet access is not schoolwide	10%	9%	7%
Internet is too slow or inconsistent	39%	42%	41%
Lack of computers for students to use at school	11%	4%	3%
My school blocks websites I need for schoolwork	25%	28%	15%
Not allowed to text with classmates	36%	38%	35%
Not allowed to use my mobile devices at school	48%	49%	40%
Not allowed to use social media	40%	40%	36%
Teachers don't know how to use technology for learning	7%	10%	10%
Teachers limit our technology use	35%	36%	30%
Too many rules against using technology	37%	37%	30%
I don't use technology at school	4%	3%	3%
Other	11%	14%	19%

Q7. Which of these are true for you most of the time when you are at school? (Check all that apply)

	National	State	District
I use my own mobile device (smartphone, tablet, laptop) to help with schoolwork	24%	20%	25%
I use a laptop in class that my school gives me to use	35%	57%	93%
I use a tablet in class that my school gives me to use	16%	4%	3%
I use a Chromebook in class that my school gives me to use	52%	44%	3%
I use computers in the computer lab, library, or media center to help with schoolwork	28%	14%	11%
I do not regularly use technology when I am at school	9%	4%	3%

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

	National	State	District
Check grades	75%	87%	89%
Create documents to share with my classmates and teachers	48%	59%	65%
Email my teachers with questions	40%	61%	65%
Look up school or class information	60%	67%	71%
Play online or digital games for learning	36%	44%	42%
Read digital books or online articles	35%	36%	42%
Receive reminders and alerts about due dates for assignments and upcoming tests	40%	43%	40%
Research on the Internet	68%	74%	75%
Skype or Facetime with other students	16%	17%	20%
Take notes in class	41%	40%	39%
Take online tests or quizzes	57%	67%	66%
Take photos of class assignments or textbook pages	27%	20%	22%
Text classmates for help with schoolwork	29%	28%	34%
Text my teachers with questions	14%	14%	14%
Upload homework to a class website or portal	24%	23%	26%
Use online dictionary or thesaurus	44%	50%	51%
Use online textbooks	29%	25%	18%
Watch a video made by my teacher	29%	41%	42%
Watch educational videos (like Kahn Academy)	35%	41%	40%
Work with other students on a project or comment on their work	37%	47%	51%
I don't use a mobile device	3%	3%	3%
Other	5%	4%	4%

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	39%	38%	40%
Doing well in school is important to me	80%	85%	85%
For schoolwork reading, I would rather use a tablet or laptop than read a printed textbook	34%	29%	27%
I am interested in what I am learning at school	43%	47%	51%
I am learning skills at school that will help me in the future	56%	60%	60%
I believe that my school cares about me as a person	41%	46%	49%
I learn more when I watch a video or movie than when I read a book or article	39%	42%	39%
I wish my classes were more interesting	45%	49%	47%
I wish my teachers used more technology in my classes	32%	26%	25%
I would learn more if I could use more technology in my classes	26%	22%	20%
Teachers are important to my learning	51%	57%	59%
The subjects that I am learning at school are important for my future	47%	51%	51%
The way we use technology in school is not helpful for my learning	10%	11%	10%
There is at least one adult at school that I can talk to about school or personal problems	35%	45%	48%
Using technology in my classes increases my interest in learning	38%	36%	33%

Q10. Which of these types of digital content do you use **at least monthly** in your classroom to support learning? (Check all that apply)

	National	State	District
Augmented or virtual reality environments	8%	8%	7%
Animations and simulations	16%	20%	17%
Digital content subscriptions (like Discovery Education)	23%	34%	19%
Digital, video, or online games (like Kahoot, Minecraft)	56%	69%	67%
Google Apps for Education (like Google Docs, Google Slides etc.)	62%	73%	72%
Microsoft Office 365 (like Word, Excel, Apps for Windows, etc.)	27%	23%	31%
Online curriculum	17%	19%	21%
Online databases (like census data, education statistics)	13%	17%	21%
Online tests or assessments	54%	66%	65%
Online textbooks	35%	31%	22%
Primary source documents (like from the Library of Congress or NewseumED.org)	12%	16%	16%
Real-time data (like population, weather, NASA, Google Earth, GIS etc.)	19%	27%	27%
Social media tools	13%	13%	15%
Software/apps to help students develop skills (like reading, writing, math, foreign language)	22%	26%	24%
Speech recognition software or apps	6%	6%	6%
Tutorials	23%	22%	24%
Videos that my teachers create for us to watch	30%	42%	41%
Videos that I find online myself to help me with learning (like Kahn Academy, YouTube, NASA)	30%	35%	34%
Virtual labs	12%	15%	12%
Web-based conferencing and online meeting tools	6%	6%	6%
Other	6%	4%	5%

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	30%	24%	20%
Career Technical Education/Vocational Education	22%	21%	18%
College Preparation Skills/Study Skills	36%	34%	32%
Computer Science/Programming/Coding	34%	32%	32%
Creative Writing/Writing Skills	30%	28%	28%
English	34%	32%	28%
English as a second/additional language	15%	12%	11%
Health	30%	27%	26%
Journalism/Yearbook	19%	17%	15%
Math	49%	43%	39%
Personal Finance	14%	14%	14%
Physical Education (P.E.)	26%	22%	19%
Psychology	15%	13%	12%
Science	47%	39%	35%
Social Studies/History/Government	36%	32%	27%
Statistics	10%	10%	10%
Visual and performing arts (Music, Art, Drama, Media Arts)	28%	24%	21%
World or foreign languages	33%	34%	32%
I am not interested in an online class	11%	18%	20%
Other	7%	7%	7%

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?

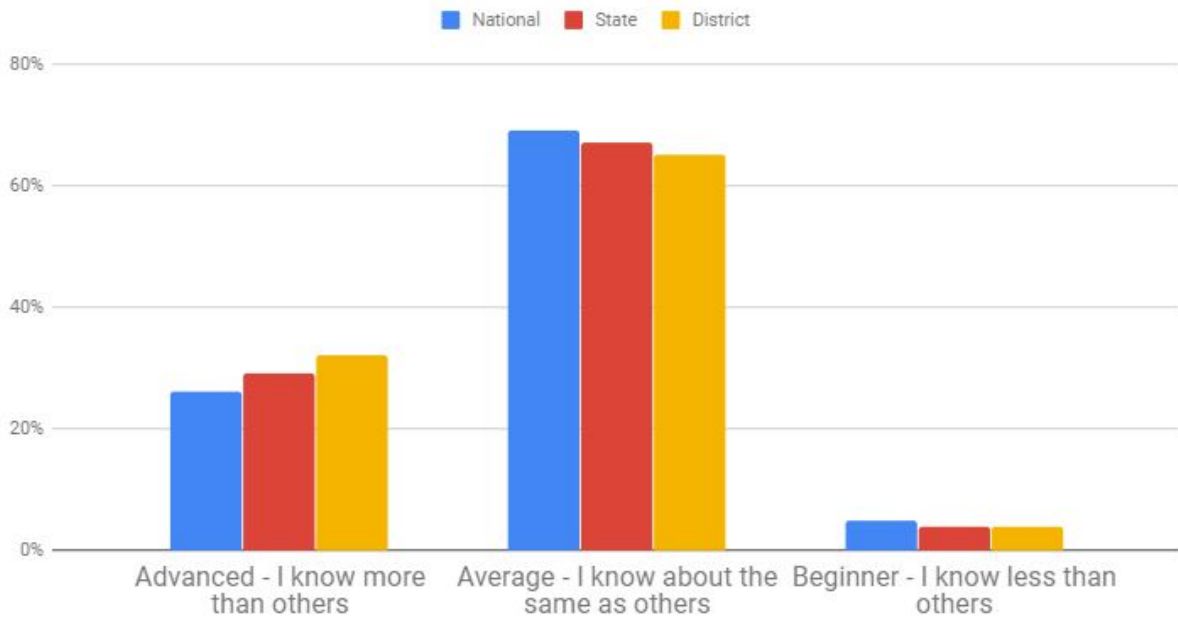
	National	State	District
Appreciating that everyone has digital rights as well as responsibilities to the society at large	38%	45%	47%
Knowing how to be safe online and use safeguards to protect our information and ourselves	63%	69%	68%
Knowing how to use various communications tools appropriately	41%	48%	48%
Knowing how to use, and how to learn to use, technology for learning purposes	58%	63%	61%
Learning how to be an effective consumer in a digital economy	23%	23%	23%
Learning how to protect one's self from the physical and psychological dangers of technology use	44%	49%	49%
Understanding ethical and lawful use of digital tools	29%	34%	34%
Understanding that not everyone has access to technology	35%	39%	39%
Understanding what are appropriate and inappropriate digital behaviors	52%	62%	64%

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

	National	State	District
Afterschool program leader	8%	6%	5%
Classroom teacher	53%	52%	52%
Community volunteer	8%	6%	6%
Computer teacher	23%	20%	14%
Law enforcement officer	11%	11%	6%
Media specialist	12%	9%	8%
Other students	26%	26%	24%
Parent	58%	60%	59%
School librarian	16%	14%	18%
Learning on my own	35%	38%	39%
No one has taught me this	6%	6%	6%
Other	8%	9%	8%

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?

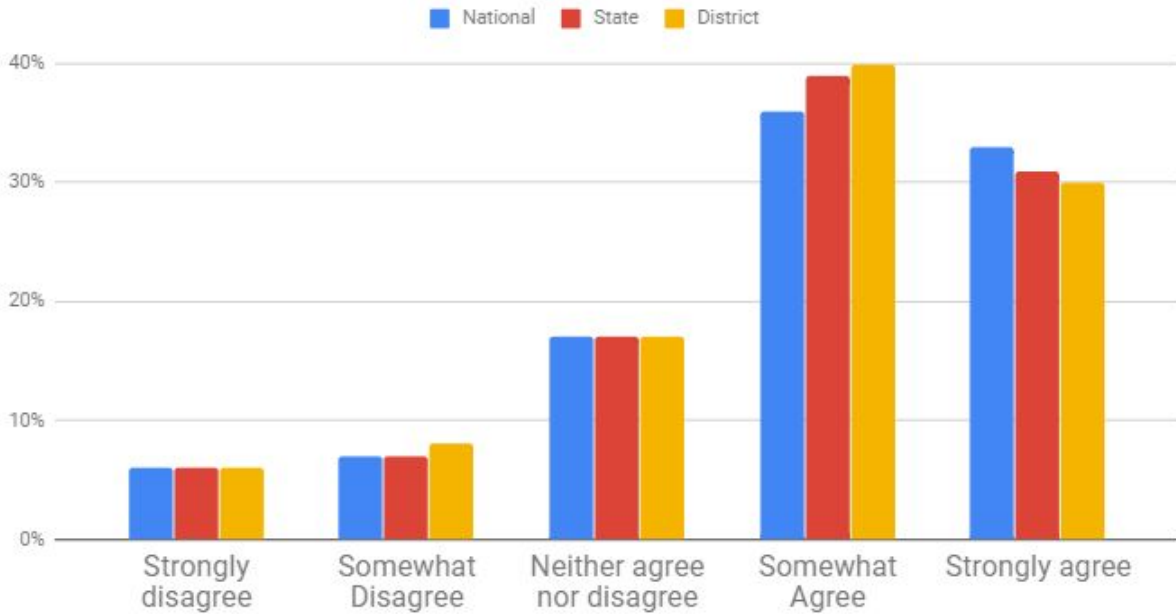
	National	State	District
Augmented reality apps	28%	31%	31%
Chromebook or laptop for every student to use at school	70%	73%	70%
Cloud-based communications and collaboration tools (like Google Apps for Education, Microsoft Office 365)	44%	49%	51%
Online site that tracks all of my school year information including grades, test scores, and activities from kindergarten through high school even if I go to different schools	56%	63%	63%
Digital content (animations, simulations, online articles, and resources)	47%	51%	50%
Google Hangouts or other online group messaging in class	45%	50%	53%
Interactive whiteboards	49%	56%	57%
Internet access anywhere at school	63%	70%	72%
Learning management systems (like Blackboard)	26%	42%	57%
Mobile apps for learning	54%	53%	51%
Online or virtual classes	46%	45%	43%
Online tests and assessments	57%	59%	56%
Online textbooks	50%	43%	36%
Online tools that help organize schoolwork and provide access to important information	45%	49%	48%
Online tutors	40%	35%	34%
Online, video, and digital games	55%	59%	57%
Online videos and movies	52%	58%	57%
Social media tools for students to connect and work with others (like blogs, wikis, social networking sites)	38%	38%	39%
Tablet for every student to use at school	46%	44%	45%
Tools to help students create media projects (like video, audio)	46%	49%	50%
Virtual reality experiences and hardware (headsets and devices)	41%	43%	44%
Other	7%	8%	9%

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

	National	State	District
Applying what I have learned to practical problems	43%	46%	45%
Collaborating with other students more	44%	45%	48%
Communicating with my teacher more often	33%	39%	40%
Getting better grades and test scores	54%	54%	50%
Developing creativity skills	50%	49%	47%
Developing critical thinking and problem solving skills	39%	39%	38%
Understanding what I am learning better	45%	45%	45%
In control of my learning	46%	47%	47%
Learning at my own pace	53%	53%	51%
Learning in a way that fits my learning style	43%	42%	40%
More likely to complete homework assignments	42%	43%	40%
More interested in what I am learning in class	39%	37%	34%
Participating more in class discussions	29%	26%	24%
Spending more time mastering a skill or learning something	34%	35%	33%
Taking ownership for my learning	36%	38%	36%
Using time at home for extended learning	31%	34%	34%
I don't believe that the use of technology would benefit my learning	8%	9%	9%
Other	4%	4%	4%

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	45%	49%	49%
To be an informed citizen	42%	46%	49%
To be successful in a future job	75%	77%	77%
To be successful in college	73%	76%	76%
To earn good grades	74%	78%	78%
To get into college	73%	76%	77%
To graduate from high school	72%	75%	75%
To develop problem solving and critical thinking skills	55%	59%	60%
To make informed decisions in the future	46%	51%	52%
To support learning in other subject areas	43%	48%	49%
I don't think that math is important for my future	8%	8%	7%
I don't know	7%	7%	6%
Other	5%	6%	5%

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

	National	State	District
Having an online math tutor	34%	25%	23%
Using a class blog or wiki to share ideas with my classmates	24%	22%	21%
Talking to people who use math in their careers	41%	40%	39%
Discussing how I solved a problem with my classmates	44%	45%	44%
Doing hands-on math activities and experiments	51%	57%	56%
Doing math problems from a textbook	34%	29%	27%
Helping other students learn math	37%	41%	40%
Knowing how I compared to other students	35%	36%	35%
Learning from a teacher who has a college degree or work experience in math	45%	49%	49%
Learning from a teacher who is excited about math	43%	50%	52%
Learning math by solving real-world problems	42%	46%	45%
Being able to work through math problems at my own pace	49%	54%	53%
Participating in math competitions	20%	20%	19%
Understanding why math is important in my life	35%	38%	38%
Taking an online class in math	28%	24%	22%
Using animations and simulations to help me visualize difficult math concepts	24%	25%	21%
Using computer programs to practice math skills	33%	34%	32%
Using online or computer games that teach math	34%	35%	31%
Using statistical databases	13%	12%	12%
Watching videos that teach me how to do math	30%	31%	30%
Other	5%	6%	7%

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	30%	34%	32%
Somewhat interested	42%	42%	42%
Very interested	28%	24%	26%

Technology/computer science/digital media

	National	State	District
Not interested	29%	37%	38%
Somewhat interested	39%	38%	39%
Very interested	32%	25%	23%

Engineering

	National	State	District
Not interested	34%	34%	30%
Somewhat interested	35%	36%	37%
Very interested	31%	30%	32%

Math

	National	State	District
Not interested	38%	36%	36%
Somewhat interested	36%	37%	37%
Very interested	26%	26%	28%

Teaching

	National	State	District
Not interested	54%	55%	56%
Somewhat interested	31%	33%	33%
Very interested	15%	12%	11%

Journalism

	National	State	District
Not interested	57%	60%	60%
Somewhat interested	29%	28%	29%
Very interested	13%	12%	11%

Visual, written and performing arts

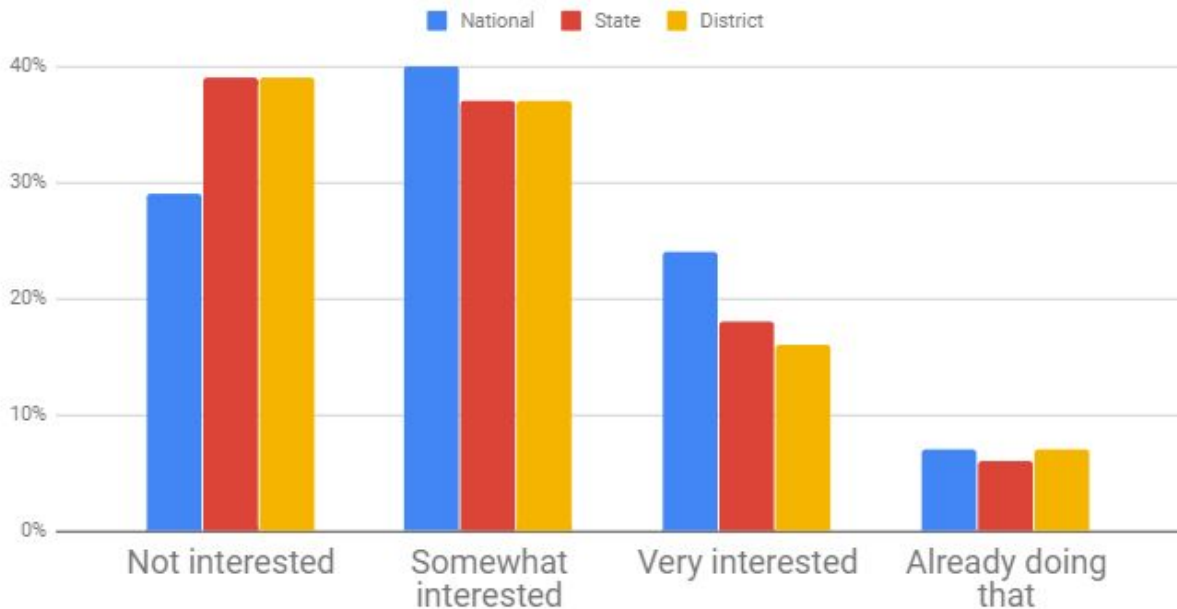
	National	State	District
Not interested	40%	43%	45%
Somewhat interested	32%	32%	32%
Very interested	28%	25%	23%

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%	42%	42%
Get real life experience (like working a part-time job, internship, or volunteering)	66%	70%	71%
Go to summer camp (like space camp)	31%	35%	37%
Follow experts in different careers on social media	31%	30%	31%
Have career professionals teach lessons at school	46%	49%	49%
Learn from teachers who have worked in a career field before becoming a teacher	37%	40%	41%
Participate in an after school program	33%	33%	31%
Participate in competitions to see how I rank compared to other students interested in that career	27%	28%	28%
Play an online or digital game about a career	38%	39%	35%
Shadow a career professional for a day	39%	44%	46%
Take an online class about a particular career field	33%	32%	30%
Take career technical education classes at my school or local college	29%	28%	26%
Take field trips to see and talk with people working in those jobs	48%	52%	50%
Understand why learning additional languages will help me with future jobs	28%	29%	27%
Use an online quiz to identify my career interests or strengths	34%	39%	37%
Use mobile apps or websites to explore careers	30%	29%	27%
Watch videos about different jobs	36%	38%	36%
Work with mentors from different career fields	26%	27%	27%
Watch TEDTalks with experts talking about their careers	18%	22%	25%

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	42%	46%	46%
Rarely	25%	25%	27%
Sometimes	21%	20%	19%
Often	8%	6%	6%
All of the time	4%	3%	2%

Play an online game or augmented/virtual simulation activity

	National	State	District
Never	20%	20%	24%
Rarely	22%	24%	28%
Sometimes	30%	31%	30%
Often	18%	16%	13%
All of the time	11%	8%	5%

Post a question on a discussion board or forum

	National	State	District
Never	51%	54%	55%
Rarely	23%	24%	24%
Sometimes	17%	16%	16%
Often	6%	4%	4%
All of the time	3%	2%	2%

Read an online news story or report

	National	State	District
Never	27%	27%	24%
Rarely	22%	24%	23%
Sometimes	27%	29%	32%
Often	16%	14%	15%
All of the time	7%	6%	6%

Research a website to learn more about a topic

	National	State	District
Never	14%	14%	13%
Rarely	14%	15%	14%
Sometimes	30%	31%	32%
Often	26%	27%	27%
All of the time	16%	13%	13%

Take a self-paced tutorial or online class

	National	State	District
Never	47%	50%	50%
Rarely	22%	22%	23%
Sometimes	18%	16%	16%
Often	9%	8%	7%
All of the time	5%	4%	3%

Use online writing tools to improve my writing

	National	State	District
Never	36%	36%	34%
Rarely	21%	22%	22%
Sometimes	22%	23%	24%
Often	12%	12%	13%
All of the time	8%	7%	7%

Use social media to identify people who share my interests

	National	State	District
Never	40%	44%	45%
Rarely	17%	17%	17%
Sometimes	19%	18%	20%
Often	13%	12%	11%
All of the time	12%	9%	7%

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

	National	State	District
Never	38%	42%	43%
Rarely	17%	17%	18%
Sometimes	20%	19%	20%
Often	13%	11%	11%
All of the time	12%	10%	9%

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

	National	State	District
Never	49%	46%	43%
Rarely	21%	23%	25%
Sometimes	17%	19%	20%
Often	8%	8%	8%
All of the time	5%	4%	4%

Watch a video to learn how to do something

	National	State	District
Never	11%	10%	9%
Rarely	13%	14%	15%
Sometimes	28%	30%	31%
Often	25%	27%	26%
All of the time	23%	19%	18%

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	28%	21%	18%
I have stronger personal relationships because of my use of social media	36%	35%	35%
I like learning about new ideas	56%	59%	60%
I like learning how to do things	67%	71%	71%
I like learning how to make or build things	58%	62%	62%
I like learning when I can be in control of when and how I learn	45%	50%	50%
I know how to be safe when I am online	60%	66%	67%
I know how to detect bias or opinions in the information that I read online	33%	40%	44%
I know how to evaluate the accuracy of information I find online	33%	38%	42%
I use technology more outside of school than I do when I am at school	51%	53%	52%
I worry that I sometimes spend too much time online with my social media accounts	21%	21%	21%
Knowing how to use technology is an important skill that will help me in the future	42%	47%	47%
Sometimes I cannot do my homework because I don't have access to the Internet outside of school	13%	12%	11%

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	76%	84%	85%
In the school library or media center during the school day	38%	42%	51%
At school – before the start of class	40%	49%	48%
At school – after school day has ended	41%	43%	40%
Where I live	77%	86%	87%
Where other family members live	40%	42%	43%
At a friend's house	40%	43%	45%
At the public library	20%	16%	20%
After school recreational or tutoring center	10%	9%	9%
At a fast food restaurant or coffee shop	22%	20%	22%
On a school bus or public transportation	22%	29%	28%
None of the above	4%	3%	2%
Other	4%	4%	4%

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	63%	75%	80%
Rarely	13%	10%	8%
Sometimes	9%	7%	6%
Often	6%	3%	3%
All of the time	9%	5%	3%

Instagram

	National	State	District
Never	31%	36%	34%
Rarely	7%	7%	7%
Sometimes	10%	10%	10%
Often	17%	19%	21%
All of the time	35%	29%	29%

Snapchat

	National	State	District
Never	31%	36%	38%
Rarely	6%	6%	7%
Sometimes	9%	9%	9%
Often	13%	14%	14%
All of the time	41%	35%	32%

Twitter

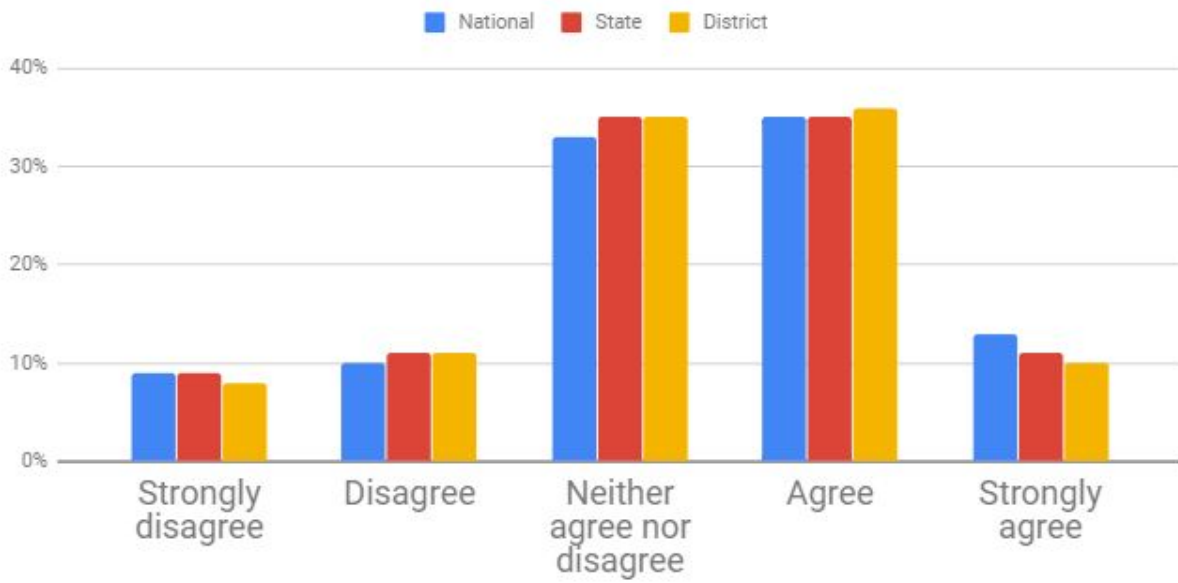
	National	State	District
Never	70%	75%	77%
Rarely	10%	9%	9%
Sometimes	8%	7%	6%
Often	6%	5%	4%
All of the time	7%	5%	3%

YouTube

	National	State	District
Never	3%	3%	3%
Rarely	4%	5%	6%
Sometimes	10%	14%	16%
Often	20%	25%	26%
All of the time	63%	54%	50%

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? (Check all that apply)

	National	State	District
AVID (Advancement Via Individual Determination)	7%	9%	15%
Computer programming or coding club	12%	11%	12%
Future Teacher Academy or Educators Rising chapter	6%	4%	4%
IB (International Baccalaureate)	5%	4%	2%
Model United Nations or Model Congress	6%	5%	6%
National Honors Society	10%	6%	6%
Robotics or advanced technology club	9%	6%	6%
School Video Production Team	7%	6%	6%
STEM (Science, Technology, Engineering, and Mathematics) Academy	15%	8%	7%
Student Government/Student Council	8%	6%	5%
Student Tech Support Team	6%	5%	4%
Visual and Performing Arts Academy	9%	7%	6%
World Language Club or after school language class	7%	7%	7%
None of the above	55%	64%	57%