

Issue Date: May 30, 2023

AOE Technology Survey 2024 – (Fall 2023 through Spring 2024)

Please complete by September 1, 2024. This survey gathers information about education technology in supervisory unions/districts and schools for the just concluded 2023-2024 school year. The information is a tool AOE uses to determine how technology is supporting student-centered learning. The survey is in five main parts: school specific data; district-wide connectivity information; tech platform functions; tech administration; and survey conclusion. For the school specific data, please add as many schools per supervisory union as you are speaking to.

- Name
- Email
- Phone
- What is your Supervisory Union or District?
- What is your title?
- Are you the primary contact for technology related matters at your SU/SD?

School specific data (Complete this section for All Schools in your SU by clicking “Add School”)

- What is the name of your school?
- Which option most accurately describes the one-to-one status in your school?
- Does your one-to-one program allow students to take a device home?
- Does your school have the technology to support your academic programming?
- If you answered no, your school does not have the technology to support your academic programming, please indicate what technology is needed.
- How many total devices are currently available for school use?
- Please provide an estimate percentage (%) by type of devices your school has for student use. (Please note that this question asks for percentages as opposed to whole numbers and the percentages need to add to 100%)
- Does your school currently have a student cell phone policy?
- If yes, please include a link to the policy in the box below. If no link is available, email a copy of the policy to lisa.helme@vermont.gov and indicate in the box below that is the action you are taking.
- What year was the cell phone policy put in place?



- If no, why is there no school policy on student cell phones? Select the answer that best represents your SU/SD. (No need. Parent opposition. Unable to enforce a policy. Cell phones used for instructional exercises in school. Other.)

District Wide Information: Internet Service Provider, Wi-Fi, Connectivity Information

The remaining questions speak to district wide information.

- Who is the primary Internet Service Provider for this school?
- What is the primary connection type for schools in your SU/SD to connect to the Internet?
- What is the current upload speed for schools in your SU/SD (as advertised by your provider)?
- What is the current download speed for schools in your SU/SD (as advertised by your provider)?
- Do the schools in your SU/SD provide "guest" or "public" Wi-Fi access?
- If schools in your SU/SD provide "guest" or "public" Wi-Fi, please select the option below that best describes the area served by the Wi-Fi.
- Is there another location in the community to access free Wi-Fi?
- What is the typical cell phone coverage at the schools in your SU/SD?
- Post-pandemic, rate how important home internet access is in your school communities for your schools to fulfill their educational mission?
- Please provide the reason for your ranking here.
- Does your SU/SD or individual schools track student home broadband access?
- If yes, you do track home broadband access, select the option that best describes how your SU/SD or individual schools learn about this lack of connectivity.
- Does your SU/SD block social media site access on your school-issued devices? (Y or N)
- If yes, what sites do you block?
- If yes, why did your SU/SD decide to block access to social media sites?
- If no, why did your SU/SD decide not to block access to social media sites?

Technology Platforms & Functions

- Which technology platform do the schools in your SU/SD use for an SIS? A Student Information System is a software platform used to manage student data. Listed below are online platforms previously reported to the AOE as in use within Vermont schools. Please indicate by each platform whether your school is using it as an SIS. If you are not using an SIS indicate that in the next question.
- If you indicated "other" for your SIS, please enter the platform name.

- Which technology platform(s) do the schools in your SU/SD use for an LMS? A Learning Management System is a software application for the delivery of educational courses or learning and development programs. Listed below are online platforms previously reported to the AOE as in use within Vermont schools. Indicate by each platform whether your school is using it as an LMS. Google Workspace for Education is now listed as an LMS option.
- If you indicated “other” for your LMS, please enter the platform name.
- Which technology platform(s) are students in your SU/SD using to develop their Personalized Learning Plans (PLPs)? Listed below are online platforms previously reported to the AOE as in use within Vermont schools. Please indicate by each platform whether your school is using it to manage PLPs.
- If you indicated “other” for your PLP development, please enter the platform name.

Online Learning

For this survey, online learning is defined as an online or blended course that has been purposely designed for online teaching using online learning design principles and teachers trained in the delivery of online instruction. NOTE: Applications, supplementary services, and platforms are not online learning providers. (*Centre for Innovation in Teaching and Learning: Remote vs. Online Instruction*)

- Do you use an online learning provider to support your educational process?
- If you do use an online learning provider, list your provider.
- If you do use an online learning provider, how are you using the provider?
- Online learning software can augment classroom learning by providing opportunities for enrichment and instructional practice of curriculum. How many school or SU/SD approved applications and software are currently in-use by educators for direct student instruction?
- Does your SU/SD have a vetting process for approving applications allowed on the school network?
- If yes, select the process below that most closely aligns with your SU/SD process or fill in the blank next to the “other” option to describe your process.
- If no, select the reason below that best aligns with why your SU/SD lacks a vetting process or fill in the blank next to the "other" option.

Technology Administration

Cybersecurity & Data Privacy

- Schools are increasingly the focus for attacks by cyber criminals. Listed below are measures SU/SD can take to improve their cybersecurity posture. Please indicate your SU/SD actions for the following measures.
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- Has your SU/SD experienced any malware attacks in the past school term?
- If so, how many?
- Indicate below the type of malware incident and the degree it impacted network operations. *OD means operations down. DS means data stolen. NTI means network temporarily impacted. MR means minimal disruption.*
- What is the greatest need your SU/SD has in the area of cybersecurity?
- Federal laws mandate the protection of student data. Does your SU/SD request online application vendors to sign a student data privacy agreement?

Data Privacy

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Digital Literacy

Digital literacy is the ability to navigate, consume, create and communicate online information appropriately in the digital world. Recently, applications using artificial intelligence (AI) have spurred conversation regarding its use in education. Applications utilizing AI include ChatGPT and Google Workspace's Duet AI.

- Have the schools in your SU/SDs released any policies or notices regarding the use of AI in instruction?
- If yes, what has been released?
- How are the schools in your SU/SD approaching AI? Below is a list of options.
- Two terms frequently used synonymously with digital literacy are media literacy and digital citizenship. Digitally literate students can access, analyze, evaluate, create, and participate safely with messages in a variety of forms – from text to video to the Internet. Do the schools in your district teach digital literacy skills to students? (Y or N)
- If yes, where and how is digital literacy taught? (You may need to

consult your curriculum director to answer this question.)

- If you indicated “other” above, explain how your SU/SD is teaching digital literacy skills.

Technology Standards & Instruction

In 2017, the Vermont State Board of Education adopted the International Standards for Technology Education. These standards outline what Vermont students should know and be able to do with respect to information technology and will guide and inform the work of schools as they prepare students for college and careers that have been dramatically transformed by information technology.

- How are the schools in your SU/SD integrating ISTE standards into the curriculum? Below are options. Please indicate for each option whether it is something your schools are commonly doing.
- Regarding Computer Science and STEAM activities (Science, Technology, Engineering, Arts, Math), please indicate what activities the schools in your SU/SD provide.

Concluding Comments

- What was the most challenging technology related issue your SU/SD faced this past school year?
- Looking to the upcoming school term, what will be the big issues your SU/SD will deal with in educational technology?
- What professional learning or other resources would assist your SU/SD in the area of technology?