# AOE Technology Survey – (Fall 2022 through Spring 2023)

Please complete by September 1, 2023. This survey gathers information about education technology in supervisory unions/districts and schools for the just concluded 2022-2023 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%)
- What capabilities are there in your school for in-classroom video/audio?
- Does your school currently have a Bring Your Own Device (BYOD) policy?

## 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)?

## Contact Information:

If you have questions about this document or would like additional information, please contact:

Lisa Helme, Student Pathways Division, at lisa.helme@vermont.gov

- 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.

## 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.
- Do the schools in your school district currently utilize your SIS to monitor when students may need additional support?
- 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.
- Google Workspace for Education is a popular application used by many Vermont schools. Please indicate for each application the PRIMARY use of the program by schools in your SU/SD.
- Please share any additional information you would like about your SU/SD use of Google Workspace for Education.
- 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.
- Have schools in your SU/SD invested in Online Teaching Specialist certification for teachers?

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## Defining 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?
- Below are characteristics of online learning providers. Select "agree" for each characteristic that describes your provider.
- The State of Vermont provides grant funds to the Vermont Virtual Learning Cooperative (VTVLC) to support online/blended flexible learning pathway to SU/SDs. Do you currently use VTVLC services to support online learning opportunities and programs?
- Vermont SU/SD can partner with VTVLC. Teaching partner districts agree to have at least one teacher facilitate a VTVLC course each year. Non-teaching partner districts do not commit a teacher but partner with VTVLC and receive 10 no-cost student enrollments. Does your SU/SD have a Teaching Partnership Agreement or a Non-Teaching Partnership with VTVLC?

## 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.
- If you indicated that your SU/SD does not have a data breach response plan, please indicate the barriers to put such a plan in place. Select "agree" if the barrier listed is preventing your plan.
- If you have a reason why your SU/SD does not have a data breach response plan that was not listed in the previous question, please provide it here.
- How important are professional learning and cybersecurity resources to your work to enhance the cybersecurity posture of your SU/SD?
- What is the greatest need your SU/SD has in the area of cybersecurity?
- Federal laws mandate the protection of student data. In Vermont, AOE supports the Vermont Student Privacy Alliance (VSPA), a collaborative group of SU/SD representatives sharing common concerns around student privacy. Is your SU/SD a member of the VSPA?
- Does your SU/SD request online application vendors to sign a student data privacy agreement?

### Digital Learning & Digital Literacy

- A digital learning plan is a guide for how your SU/SD will support digital learning. Digital learning is any instructional practice that effectively uses technology to strengthen a student's learning experience. Does your SU/SD have a digital learning

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plan in place?
- If you have a digital learning plan, how often is the plan updated?

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.

## Assistive Technology

- Recently, a new statewide assessment platform was introduced (Cognia). Based on this first administration, what suggestions might you make to improve next year's administration of the state summative assessments in regard to assistive technology and student access?

## Technology Standards & Computer Science

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.
- How has technology education been leveraged in your SU/SD to teach students how to use technology in meaningful ways?
- Regarding Computer Science and STEAM activities, please indicate what activities the schools in your SU/SD provide.
- Does your SU/SD offer computer science courses as defined as the science that deals with the theory and methods of processing information in digital computers, the design of computer hardware and computing applications?
- What grade ranges are computer science courses available?
- Would educators and administrators in your SU/SD be supportive of computer science standards to guide instruction for those schools offering computer science classes?
- Please provide a brief answer as to why your SU/SD would/would not be supportive of CS standards to guide instruction.
- Who is the primary contact for computer science curriculum in your SU/SD?

## Concluding Comments

- What Professional learning or other resources would assist your SU/SD in the area of technology?

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