Annual School Technology Survey 2019

Welcome!

The following Annual Technology Questionnaire (ATQ) will be administered to all Vermont schools during the months of July and August 2019. The data collected plays a vital role in keeping the Agency of Education (AOE) and other public entities informed of the status of school-based education technology and accessibility across the state. The survey contains questions related to three main topic areas: (1) Internet access, (2) one-to-one computing, and (3) cloud-based storage. In addition, there are some questions related to professional development and some new questions on Makerspaces.

The AOE requests that schools provide the information requested to the best of their ability and as completely as possible. Keep in mind the following:

- Responses must be made for each individual school, NOT for the Supervisory Union.
- Please use the most recent school year (2018-2019) as your reference point when responding to questions regarding personnel actions (e.g., professional development, etc.).
- Realizing that often there are updates/upgrades done over the summer, for Internet access-related questions please indicate the service level you anticipate will be available at your school on September 1, 2019. If that is not known, simply indicate the current state.
- For student device related questions please use the estimated numbers you anticipate when school opens in August/September of 2019. Again, if that is not known, use current numbers.

Number of Questions: 43
Estimated Time: 38 minutes
Due Date: August 31, 2019

Survey Preview 2019

Contact:
Peter Drescher
Education Technology Coordinator
Vermont Agency of Education
802-479-1169
peter.drescher@vermont.gov

Annual School Technology Survey 2019

Contact Information

Questions? Contact Peter Drescher (802-479-1169 | peter.drescher@vermont.gov)

* 1. What is the name of your school?

[▲▼]

* 2. What is your Supervisory Union/District?

[▲▼]

* 3. What is your title?

[   ]

* 4. What is your first name?

[   ]

* 5. What is your last name?

[   ]

* 6. What is your work email address?

[   ]

* 7. What is your work phone number?

[   ]

* 8. Are you the primary contact for technology-related matters at your school?

[▲▼]

Contact Information (continued)

If you ARE NOT the primary technology contact at your school, please answer the following three questions.

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* 9. What is the name of the primary technology contact?

* 10. What is the phone number of the primary technology contact?

* 11. What is the email address of the primary technology contact?

Internet Access

Questions? Contact Peter Drescher (802-479-1169 | peter.drescher@vermont.gov)

* 12. Who is the primary Internet service provider for this school?

[▲▼]

[   ]

* 13. What is the primary connection type this school uses to connect to the Internet?

[▲▼]

[   ]

* 14. What is your current upload speed (as advertised by your provider)?

[▲▼]

* 15. What is your current download speed (as advertised by your provider)?

[▲▼]

* 16. Is your connection shared?

[▲▼]

* 17. How many schools share the connection?
(Please enter 0 if not shared)

[   ]

* 18. Does your school provide "Guest" or "Public" WiFi access?

[▲▼]

* 19. What is the typical cell phone coverage at the school?

[▲▼]

[   ]

* 20. Does your school survey students as to their home broadband access?

◯ Yes

◯ No

21. If Yes, where or how could others get access to that data? (Please provide email of a relevant contact or a URL to a webpage or other resource).

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[                                                    ]
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22. If you do not survey your students, what is your educated guess of how many of your students have Broadband Internet at home? Please provide a percentage you believe indicates students WITH Broadband Internet service at home (i.e., service is available and they avail themselves of it.)

| 0% | 50% | 100% |

One-to-One Computing

Questions? Contact Peter Drescher (802-479-1169 | peter.drescher@vermont.gov)

One-to-one computing is defined as a school providing one computer or device to one student. This computer or device is essentially dedicated to this student full-time for an extended period of time. In some cases the devices are allowed to go home with students as well.

* 23. Which option most accurately describes the one-to-one status in your school?

[dropdown ▲▼]

* 24. Does your school allow students to take the device home?

◯ Yes

◯ No

◯ Other (please specify)

[text field]

* 25. Please select all grade levels where one-to-one activities are in place.

- [ ] None
- [ ] Kindergarten
- [ ] 1st
- [ ] 2nd
- [ ] 3rd
- [ ] 4th
- [ ] 5th
- [ ] 6th
- [ ] 7th
- [ ] 8th
- [ ] 9th
- [ ] 10th
- [ ] 11th
- [ ] 12th

The questions below pertain to ALL devices, not just one-to-one.

* 26. How many <u>TOTAL</u> devices are currently in place at the school for *student use*?

[   ]

* 27. Please provide a ROUGH estimate of the percentage (%) of devices your school has *for student use* in each category. (Please note that this question asks for percentage as opposed to whole numbers and the figures need to add to 100)

Tablets (iPads, Surfaces, etc.) %   [   ]

Chromebooks %   [   ]

Traditional Laptops %   [   ]

Desktop Computers (not mobile) %   [   ]

* 28. Does your school currently have a Bring Your Own Device (BYOD) policy?

[▲▼]

Cloud Storage

Questions? Contact Peter Drescher (802-479-1169 | peter.drescher@vermont.gov)

* 29. Approximately what percent (%) of your IT services are currently situated in the cloud?

[ ]

* 30. What commercial tool, if any, do you use for communication with your community in the event of an emergency?

◯ Blackboard Connect

◯ School Messenger

◯ Call-Em-All

◯ Alert Solutions

◯ Bright Arrow

◯ K12 Alerts

◯ Infinite Campus

◯ One Call

◯ AP Notify

◯ We currently do not have an emergency communication tool

◯ We use a custom solution in-house, not a pre-packaged product

◯ Other commercial vendor

Other (please specify)

[ ]

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* 31. What technology platforms are students using to develop their Personalized Learning Plans (PLP's)? (Check all that Apply)

[▲▼]

[   ]

* 32. What support would be helpful to you/your staff in continuing to develop the connections between personalized learning and technology? Check all that apply:

☐ A PLP Platform Fair at which participants could preview products and interact with vendors

☐ An online/face-to-face/hybrid Professional Learning Community or network

☐ Focus groups organized by region or other means to inform/co-develop resources and technical assistance

☐ Other (please specify)

[   ]

* 33. How many students take online courses through a provider other than Vermont Virtual Learning Cooperative?

[   ]

* 34. What provider(s) do you use?
(Please enter N/A if no other provider is used)

[   ]

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* 35. Please provide the contact information of the individual responsible for your school's telephone system(s).

Name

Title

Phone #

email

* 36. In 2017, the Vermont State Board of Education adopted the International Society for Technology in Education (ISTE) Standards for Students for Education Technology. The adoption of those standards allows schools the flexibility to utilize those standards however it sees fit in strengthening an education technology program. It is recommended that schools make those standards available and encourage the use of them by educators as they work with students. The State Board of Education wishes to understand if schools are currently using the ISTE standards as their local standards. Please indicate below the current situation at your school:

☐ My school has ALWAYS relied on the ISTE standards in all of its iterations

☐ My school is taking steps and engaging in professional development to make educators, and ultimately students, aware of the ISTE standards.

☐ My school uses other standards or the Transferable Skills in lieu of using/introducing ISTE standards as well

☐ My school is not using any ISTE standards

☐ What are the ISTE standards?

☐ Other :

* 37. What support do you need to implement or make educators more aware of the ISTE standards?

* 38. What professional development or other need do you have at your school that would support your education technology program? (Something you are not able to provide locally).

[ ]

* 39. Are you utilizing a technology tool or platform to track proficiencies in your school? Please indicate briefly how this is accomplished:

[ ]

* 40. Regarding Computer Science and STEM activities, please check all that apply in terms of activities the school provides for students:

- [ ] Annual Hour of Code activities
- [ ] Other coding activities over the course of the year
- [ ] Lego Robotics
- [ ] A Makerspace (in the school or in the community)
- [ ] Computer Club during school
- [ ] After school Computer Club or related "club"
- [ ] FIRST Lego program
- [ ] STEM or STEAM, (or even STREAM) courses or curricular strands?
- [ ] Tech Ed and Design offerings
- [ ] Summer offerings - camp, extended learning opportunities, etc
- [ ] Other (please specify)

[ ]

* 41. If you checked off Makerspace in question #40, please check the appropriate boxes below to tell us more about it:

- [ ] We have created a Makerspace in our library/media space
- [ ] We are doing some "making" but do not have a designated space
- [ ] We have built/repurposed a room within our building to use as a dedicated Makerspace
- [ ] We are planning a Makerspace within the next year
- [ ] Our school uses a space outside of the school, (through a partnership or other relationship) to engage in "making" with our students
- [ ] N/A (please select this if you have NOT selected Makerspace in #40)

* 42. In your Makerspace, please indicate what equipment is available to students: (check all that apply)

☐ 3D Printer(s)

☐ Laser cutter

☐ Vinyl cutter

☐ CNC Drilling/routing equipment

☐ Power hand tools—drills, circular saws, scroll saw, etc.

☐ Soldering or welding kits/materials

☐ Papermaking or cutting materials

☐ Sewing machines

☐ Robotics—Dash and Dot, B-Bots, other robot kits

☐ Little Bits kits

☐ Arduino and/or related tools

☐ N/A (please select this if you have NOT selected Makerspace in #37)

☐ Other (please list larger items missed from our list above)

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* 43. Computer languages taught, please list below

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