Technology for Learning (T4L): The modern learner is surrounded by a wide range of technologies designed to enhance learning. Students must navigate the appropriate ways for being a *digital citizen* and learn to make wise use of these resources. In the past two years Saturna has made improvements in access and use. Working with digital technology K- 12 fits across a range of needs and skills. Therefore students must learn to use these teaching and learning tools in appropriate and essential ways.

Philosophy:
We use technology at Saturna to support and transform student learning. Our integration of technology shall be based on the following:

- We will strive to provide appropriate tools and content considering community values
- We will provide access to technology, and digital libraries according to the developmental needs of each student
- We will strive for equality of access to technology and to learning digital literacy
- We strive to monitor the free-time use of technology and insist on use and behaviour that aligns with our Code of Conduct
- We will consider the environmental impact in our use of learning technologies and replacement of equipment

K- 12 Goals:
1) To improve student writing and reading skills
2) To increase student and teacher ethical access to web information
3) To increase students ability to communicate knowledge through writing, pictures, music and video
4) To improve student typing ability and written content
5) To assist teachers with video links for teaching science and social studies concepts
6) To share information between students in collaborative work teams
7) To encourage student to learn coding
8) To improve how students work independently with technology
9) To allow students to share and show their work to others
10) To use technology to gather assessment data for and with students

Current Tech resources:
- 7 iPad devices and learning applications (apps) and bundled apps for 7 devices
- Coding via online website services (Code.org)
- MS PowerPoint, OneNote, MS Office, district licence and various freeware or trial services
- Sony digital projector and smart screen TV with internet connectivity
- Digital microscopes, hand handle optics, thermometers, pH meters & salinity detectors
- Networked PC lab with 10 laptops for productions and research
- 4 Microsoft SurfacePro laptops with touch screens
- Subscription software: Raz-Kids Learning
- No listening centres for primary students

Future: Technology Needs:

Achieved

- Subscription software (Adobe Suite, Adobe Voice, Raz-Kids Learning)
- Robotics - Learning kits for robotic and coding activities; Hero globe
- Internet speed improved to appropriate bandwidth capacity gaining speed and functionality
- MinecraftEDU (2015 version) continues to be used to support collaborative play, multi-tasking challenges, writing and reading opportunities and free-time group play.

Next two Years

- Typing and keyboarding skills to be assisted by appropriate software
- Student listening centres and headsets (CD stories)
- Classroom Management Software (District plans to install single site server)
- Internet firewall with ability to screen specific websites
- Laptop replace program, full equipment recycling 2 per year

Saturna Tech Plan link: http://sd64.bc.ca/saturna-school/

Revise June 2018