

SFS Vision for Technology Integration

Our vision for technology integration in learning is to enable our students to master 21st century skills for a constantly changing world.

Technology integration at SFS is curriculum driven and exists to prepare students to be ethical learners who are self-monitoring, self-modifying, self-managing, self-evaluating and self-directing.

1:1 Program Evidence of Success: How will we know we have succeeded?

Evidence for success factor 1: Technology is seamlessly embedded into the fabric of the student learning experience.

- SFS at all levels of the organization (Board, Administration, Faculty, Parents, Students) fully commits to supporting the use of technology as a tool to improve learning in a 21st Century world.
- ISTE NETS standards (British National Curriculum for ICT) are embedded into PS-12 SFS curricula and integrated across all subject areas.
- Assessment tools and frameworks exist for students and teachers to demonstrate mastery of Information and Communication Technologies (ICT) skills and dispositions (appropriate and ethical attitudes/behaviors)

Evidence for success factor 2: All educators will use 21st century skills and knowledge to effectively embed educational technology as necessary to enable students to achieve the SFS expected student learning results.

- The SFS educators are responsible for providing a learning environment that challenges students to know more than what is currently known, through authentic experiences in a multi-disciplined atmosphere.
- Educators of 21st century learning environments develop, nurture, model and maintain connections in a global world to facilitate continual learning.
- The learning environment at SFS enables students to meet 21st century performance indicators (NETS and 21st century skills) emphasizes the importance for the learner to have strong communication skills for the purpose of searching for new, appropriate knowledge, conveying perspectives and contributing to various learning communities, and the ability to reflect on one's own growth.
- The learning environment at SFS enables teachers to apply 21st century performance indicators (NETS and 21st Century Skills) to their practice.

Evidence for success factor 3: SFS will improve and maintain a user-focused technology infrastructure that is reliable, supported and relevant to today

- SFS has a responsive and personalized network that provides access to online learning and research tools and systems (e.g. distance learning, course organizers) for all students and educators. The SFS Learning Environment is adaptive and responsive to the needs of the 21st century; its technology plan is fluid and dynamic.
- Robust educational and technical support exists for students and educators.

Evidence for success factor 4: All students and staff will have ubiquitous access to the tools of technology and information for learning

- SFS facilitates on-demand and as-needed access to appropriate computing technology for all students and educators.
- SFS helps support student-and educator-owned technology for learning and productivity.
- SFS regularly assesses evolving technologies and their application to learning.
- SFS learning resources are made available anytime, anywhere.

Evidence for success factor 5: A commitment to professional development is critical to the successful use of

technology. It will be focused towards improving the learning process and providing relevance to the student's world

- SFS leadership has a clear vision for 21st century learning and is ready to champion, advance and communicate a strategic professional development plan for school- wide educational technology and information literacy initiatives.
- SFS professional development program prepares and supports faculty and others working directly with students to bring about effective change in practice, delivery and day-to-day management of technology as referenced in the ISTE NETS-T performance indicators.
- SFS has clearly defined ICT roles and responsibilities to support effective change in classroom practice, delivery and day-to-day management of powerful 21st century tools.
- SFS business operations and school-wide departments (e.g. GA, admissions, nursing) are supported in bringing about effective change in practice, delivery and day-to-day management of ICT tools.
- SFS fosters a partnership that with regional schools and organizations to enhance professional development.

Evidence for success factor 6: Standards will exist to enable consistency in the provision of the educational process and facilities.

- ISTE NETS standards and performance indicators (benchmarks) are embedded into the existing SFS curriculum and integrated across all subject areas.
- Reasonable standards for purchase, development and replacement of infrastructure and systems are in place.
- An agreed upon framework for use of SFS resources is well communicated in the form of an Acceptable Use Policy that promotes and models responsible digital citizenship.
- A Service Level Agreement (dependent upon student-owned vs. school owned machines, insurance, machine maintenance, software ownership, network passwords, local admin passwords, etc) that determines the level of service from SFS Infrastructure and Services personnel is in place.

Evidence for success factor 7: Innovative use of technology will be encouraged and supported

- SFS recognizes and celebrates effective and innovative use of ICT in all aspects of a student's education.
- SFS encourages and supports innovative and experimental activities with ICT, processes and products that support the SFS mission and Expected Schoolwide Learning Results.
- SFS investigates and disseminates knowledge and skills relating to best practices in ICT.
- SFS values and encourages student creativity and innovation to demonstrate learning.

Evidence for success factor 8: Use of technology will be personalized to the extent possible, in order to address different learning styles/needs and rates of learning

- SFS educators optimize and extend the curriculum through the use of technology in order to suit individual learner needs when appropriate.
- SFS students will effectively and responsibly utilize resources that complement their learning styles and needs to demonstrate learning and understanding.