



SD83 Educational Technology Plan

Purpose:

To guide School District staff with technology acquisition, deployment, and training in support of the **District Strategic Plan**.

Rationale:

School District No. 83 has had multiple reviews related to technology over the past decade which have not led to a definitive technology strategy. The District needs to have a guiding plan in order to drive decision-making in the areas of education and business technology for the next five school years. The benefits of an effective technology plan will be reflected in the Strategic Plan Outcomes under Students First, Organizational Efficiency, and a Culture of Health and Wellness. These are:

Students First

- Students pursue and demonstrate growth and self-awareness in academic and personal goals
- Students demonstrate proficiency in literacy, numeracy, and core competencies
- Students have successful experiences from K-12 that prepare them for a life with dignity and purpose during their school years and after graduation

Organizational Efficiency

- The organization is trustworthy, consistent, ethical, and transparent
- Resources (e.g. time, money and people) are allocated responsibly
- Financial reporting is consistent and accessible
- All employees and trustees are committed to individual and organizational capacity building and to continuous improvement

Culture of Health & Wellness

- Students and staff are meaningfully engaged in their work
- Students and staff feel a sense of connection and belonging to the learning community
- Students and staff co-create and share responsibility for a safe learning environment
- Students and staff utilize resources and strategies to support positive mental health and respond to mental health concerns and the contributing factors
- Students and staff create and sustain positive personal and cultural awareness, identity and responsibility

School District No. 83 is committed to continuous improvement in order to uphold our values and achieve our strategic goals. The effective use and allocation of technology plays an integral role in achieving success in these areas.



SD83 Educational Technology Plan

Educational Technology Goal #1: Students First – Provide and maintain appropriate technology for staff and students so they may access meaningful resources to support curricular goals and increase student achievement.

Students will have increased access to electronic resources and knowledge-based resources. District technology infrastructure will be maintained or upgraded as required to continue to offer a consistent, reliable, and secure level of service.

Strategies:

- 1.1. Promote the use of technology as a means to grow communication, creativity, collaboration, and critical thinking skills in our students, and to support them in their ability to reflect on and describe their learning.
- 1.2. Develop a scope and sequence for critical technology skills in K through 12 that reflects the Information and Communication Technology (ICT) strand of the Ministry of Education’s New Curriculum, and the International Society for Technology in Education (ISTE) Standards.
- 1.3. Provide learning opportunities for teachers and support staff in educational technology tools that support student learning and digital literacy specific to the New Curriculum.
- 1.4. Create a standard set of Digital Resources for educational staff and students.
- 1.5. Commit to an equitable deployment and refresh cycle that supports a minimum 4 to 1 student to mobile devices ratio in each school for students in grades 4-12.
- 1.6. Commit to an equitable deployment and refresh cycle that supports a minimum 6 to 1 student to mobile devices ratio for students in kindergarten-grade 3 or a minimum of 28 devices in each school (whichever is greater).
- 1.7. Improve access to modern assistive learning technology and digital resources for students with special needs in all schools.
- 1.8. Explore new and evolving technologies to promote personalized and inquiry learning.

Educational Technology Goal #2: Organizational Efficiency – Increase the technological capacity of District staff to allow the effective and efficient use of technology in all schools and departments.

Staff competencies around technology will be increased. Staff will feel empowered to accomplish necessary tasks with the proper tools, education, and direction. Staff will model the effective use of technology during District professional learning, site professional learning communities, and staff meetings.

Strategies:

- 2.1. Provide a device to every teacher on contract.
- 2.2. Provide learning opportunities for teachers and support staff in appropriate and effective use of District hardware and software.
- 2.3. Develop infrastructure and environments to meet differentiated learning needs.
- 2.4. Consolidate IT structures to improve efficiencies and support disaster recovery.
- 2.5. Standardize equipment choices through an “a la carte menu” to reduce the total cost of ownerships (TCO) and increase the return on investment (ROI), while meeting educational needs.
- 2.6. Create school technology plans that describe learning goals and guide purchasing decisions.



SD83 Educational Technology Plan

Educational Technology Goal #3: Culture of Health and Wellness – Engage and educate students, parents, and staff to be strong and safe digital citizens.

The District community will have opportunities to become familiar with and gain skills in the area of digital citizenship. Staff will be engaged in learning opportunities around digital and corporate security. District staff and students will become educated around the SD83 Educational Technology Plan and will demonstrate ethical and responsible use of hardware, software and the Internet.

Strategies:

- 3.1. Utilize professional learning opportunities to support staff with technology implementation.
- 3.2. Initiate a digital citizenship program to educate staff and students in regard to digital safety, digital rights, and digital responsibilities.
- 3.3. Enhance District practices in the areas of cyber and network security.
- 3.4. Provide guidelines for appropriate technology use to staff and students for the home and the workplace.

Measurement and Reporting:

The impact of technology on student learning will be assessed by:

- Measuring achievement through all provincial, district and classroom metrics as per the **Education Plan**.
- Surveying staff and students on technology use, engagement, and parent reporting on student use.
- Collecting anecdotal observation and reflections.
- Reviewing District Resource Centre usage.
- Creating pilot project reports.