



STRATHCONA-TWEEDSMUIR SCHOOL

Three-Year Educational Technology Plan 2018-2021

Vision: To be leaders in the use of educational technology in ways that are human-centered in design, evidence-informed, and prioritize excellence and innovation in programming, pedagogy and policy.

Goal 1: Programming Innovation and Excellence

- i. Utilize design thinking mindsets and approaches to leverage learning in new maker spaces and design labs through project-based learning opportunities throughout each division
- ii. Implement/integrate a digital citizenship scope and sequence K-12; consider the ISTE scope and sequence
- iii. Investigate methods to authentically assess and report on digital citizenship skills in each division
- iv. Explore new ways to deliver programs that enable greater customization and flexibility
- v. Examine opportunities for integration of coding into disciplinary studies
- vi. Scale STEAM and design thinking opportunities in all divisions

Goal 2: Pedagogical Innovation and Excellence

- i. Develop a K-12 ICT scope and sequence through the examination of relevant technology specific ATL skills required for success in each division.
- ii. Continue to support on-going job-embedded PD in addition to PD beyond our community.; promote faculty education for teaching and learning with technologies
- iii. Utilize technology to support the development of the 4Cs (collaboration, communication, critical thinking, and creativity) in each division
- iv. Incorporate computational thinking strategies and tools into instruction where appropriate K-12
- v. Operationalize the use of reflective frameworks to inform instruction (SAMR, TPACK and AID)
- vi. Employ data from applications (e.g. IXL, SeeSaw, Managebac) to inform instruction and personalize classroom activities

Goal 3: Policy Innovation and Excellence

- i. Develop annual processes that examine user statistics from divisional or cross-divisional software applications to inform future purchases
- ii. Examine the STS Model of Teaching Excellence to ensure it aligns with the goals and strategies articulated herein.
- iii. Develop and implement and educational technology policy that aligns with the Responsible Use Agreement, Cell Phone Policy, Academic Honesty policy, STS Health & Safety Processes, and digital citizenship goals.

May, 2018

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