

## Digital Approach to Learning: North Cluster

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Implementing our program strategy gives us an opportunity to update our schools with the technologies, tools and environments that students will need for learning, working and living in the 21<sup>st</sup> century.

The new North secondary school, with its associate elementary schools, will employ and learn from a new digital approach to student learning. This is much more than a technology project; it is about using a new approach to teaching and learning to support student achievement and engagement.

This is an innovative concept that will require broad consultation, beyond the program strategy consultation, with our staff, students, parents and community partners to come to fruition.

We believe that this groundbreaking direction will engage students in learning through a meaningful exploration of their interests. Learning in the digital approach will foster curiosity, initiative and a culture of high achievement. We will study its introduction at the North secondary school and its associated schools closely, as we anticipate district-wide adoption.

### Key features of the digital approach to learning:

- **Technology:** Using technology and tools to enable creative digital content, and to encourage the practice of critical and creative thought.
- **Problem solving:** Using interdisciplinary project-based assignments and activities that reflect student interests, while combining teacher- and student-directed learning.
- **Personalized learning culture:** Using of technology/assistive technology to address the specific learning needs, special needs, working strategies and abilities of each student.
- **Blended learning:** Combine mobile access to online resources as well as face-to-face interaction with teachers and peers. Learning will adjust to individual learning styles while encouraging creation of multimedia content.

### A new learning environment for students:

Students will take ownership for their learning as creative and critical thinkers, able to collaborate anywhere at any time.

### New learning and supports for teachers:

Teachers will benefit by having greater access to a variety of resources along with the ability to provide immediate and ongoing feedback to students to support their learning.

### Changed Learning Environment

- One to One technology
- Professional learning to use the technology in a new learning environment
- Priority of digital resources over paper

### Technology Cost Projections

- Minimal new spending – reallocation of budget dollars for learning resources.