



# Digital Literacy

## September 2023



## Digital Literacy

The District's digital literacy initiative was focused on students in grades 4 to 6. The group consisted of intermediate teachers and librarians across the District. The facilitators were the District Helping Teachers of Transformative Learning.

Since its inception in 2021, the Digital Literacy team has made significant strides in the exploration and fruition of digital literacy resources in relation to the FESL goals.

### FESL Goals

#### Literacy

Provides access for students to digital resources and web tools to help supplement literacy goals supporting personalized learning plans at the appropriate reading level of the individual students.

#### Numeracy

Provides access for students to digital resources, software and web-tools that help supplement numeracy learning goals providing the opportunity to personalize learning plans that are at an appropriate level for individual students.

#### Human and Social Development

Provides hands on activities to support safe online learning and safe online social behaviours.

#### Graduation/Careers

Provides students with access to technology so they will graduate with dignity, purpose, and options.

### Accomplishments

#### Data Collection and Analysis:

A baseline qualitative digital citizenship skills survey was conducted in the 2021-22 school year with grade 4 students and then repeated it with grade 5 students in the 2022-23 school year.

Post-implementation, the data was analyzed and compared from both surveys to measure the impact of our initiatives on students' digital citizenship skills.

### Survey Results Evaluation:

The analysis of survey results indicated that most changes in data were grade-related, highlighting differences between grade 4 and grade 5 students.

Notable observations included varying usage patterns of online platforms such as Kids Messenger and shifts in responses related to online learning during the pandemic.

### Survey Results:

<b>Access</b>	<a href="#">Grade 5 2023</a>	<a href="#">Grade 4 2023</a> <a href="#">Grade 4 2022</a>
<b>Technical Skills</b>	<a href="#">Grade 5 2023</a>	<a href="#">Grade 4 2023</a> <a href="#">Grade 4 2022</a>
<b>Online Activity</b>	<a href="#">Grade 5 2023</a>	<a href="#">Grade 4 2023</a> <a href="#">Grade 4 2022</a>

### Scope and Sequence Development:

A comprehensive Digital Literacy Scope and Sequence was created that covered technical skills, social skills, and specific skills related to learning tools. This document also includes language addressing advances in artificial intelligence, privacy, environmental awareness, and indigenous connections.

[Digital Skills Scope and Sequence K-12 FOR GROUP EDITING.xlsx](#)

In 2023, the language regarding artificial intelligence and enhanced attribution language was incorporated (citing sources) in the Digital Literacy Scope and Sequence.

### Resource Acquisition and Distribution:

Resource books that approach digital literacy topics in a storybook format were purchased.

Each school received a resource bin containing these books to aid teachers in their lessons.

### **Teacher Engagement and Feedback:**

Teachers and teacher librarians within the group utilized the resources and integrated digital citizenship lessons into the classrooms.

Valuable feedback was collected from teachers, that helped to refine and improve the understanding of materials and methods.

### **Exploration of AI's Implications:**

The implications of artificial intelligence in teaching and learning were researched.

Various resources, including videos, websites, and frameworks, were explored to understand AI's role in digital literacy.

### **Sharing Valuable Resources:**

Several resources were shared with the team, including:

Presentations at the 2022 IT4K12 conference [“You Can’t Pause the Game – What Grade 4 Students Want You to Know About Their Digital Literacy Skills”](#)

Teachers of Transformative Learning connected with other educators across the province to discuss the BC-Digital Literacy Framework and similar work that’s being done; comparing our FESL work and findings.

Updates were made to the [SD5 Technology Compliance page](#) to include information for teachers, learning opportunities and classroom resources.

["The AI Dilemma"](#) video advocating mindful AI use.

["Alvolution of Learning"](#) website offering research and resources on AI in education.

Exploration of AI tools like Bing Chat and Chat GPT.

Cyber security tips - Proofpoint Database and Computer tips/shortcuts

The [BC Digital Literacy Framework](#) and related resources [from UBC](#).

The [Identifying Quality Media for Classroom Use](#) mini course for teachers.







## BC Digital Literacy Framework Exploration:

The [BC Digital Literacy Framework](#) was explored along with third-party resources to brainstorm ideas for implementation, as these concepts are not part of the official curriculum.

Generated [curricular connections for grades 3-5](#) to the BC Digital Literacy Framework.

## Looking Ahead

Future goals include:

-  Enhancing the book list and resource bins.
-  Incorporating more indigenous focused considerations in relation to Digital Literacy.
-  Developing and curating online digital literacy resources for teachers and students.
-  Exploring efficient ways to disseminate information to staff.
-  Working with teacher librarians and grade 6 teachers
-  Survey grade 6 students in 2024 and compare data