Transformative Learning Team
2021-22

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Transformative Learning Team District-wide Initiatives

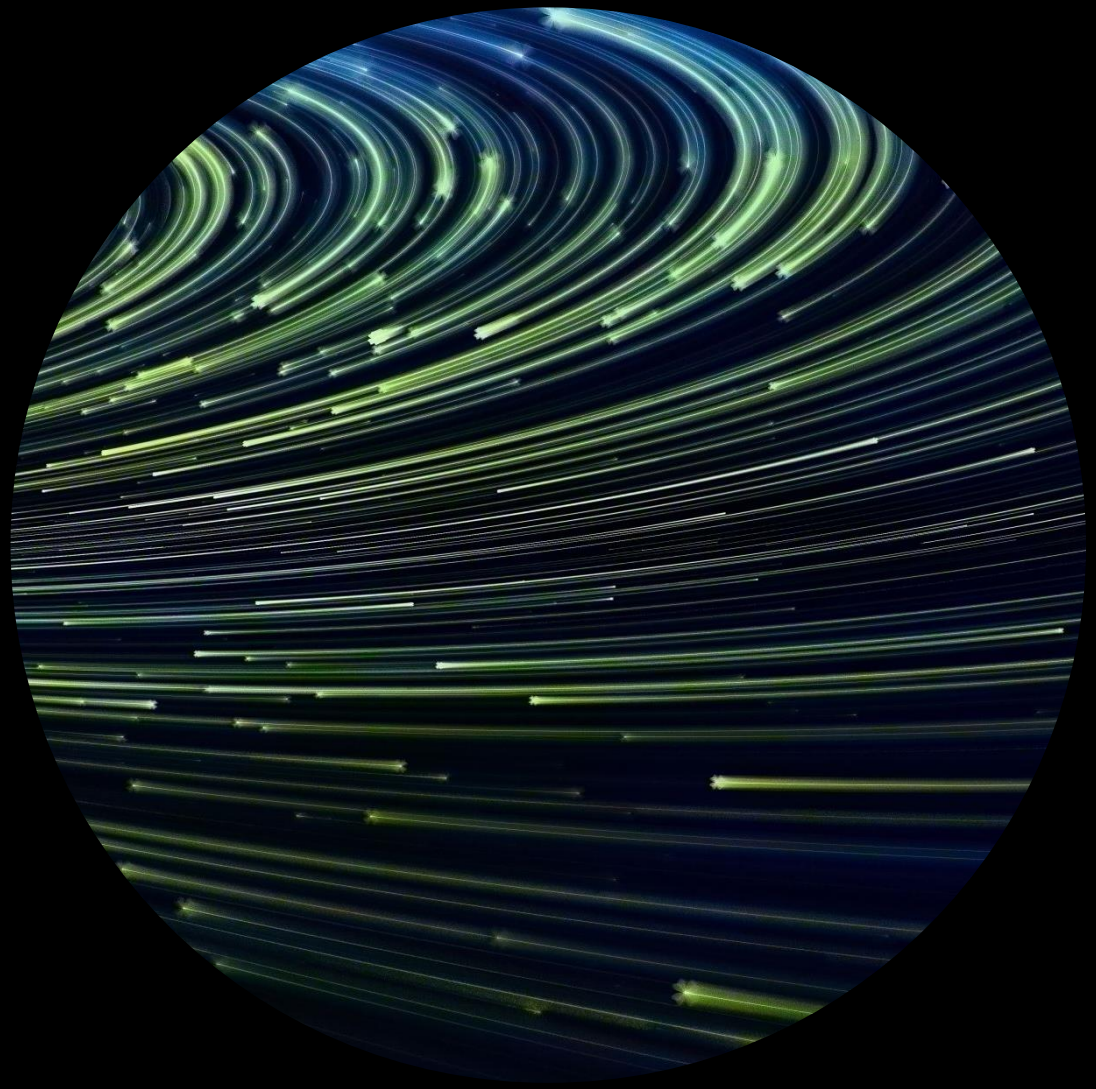
Supported the FESL programs for Numeracy resources, Thinking Classroom and Digital Literacy

Supported district technology including Teams, teaching and communication tools for both teachers, students and parents to prepare and navigate learning throughout the pandemic.

Created the New Teacher Training online course for MyEdBC and District Software to allow timely and flexible access to learning how to navigate and use the district resources.

Supporting diverse learner groups including small groups of students with special needs, student service teachers, educational assistants, administration and clerical.

Providing an experience that engages and offers all learners possibilities for success.



TLT Projects Connecting the Core Competencies, Literacy and Numeracy

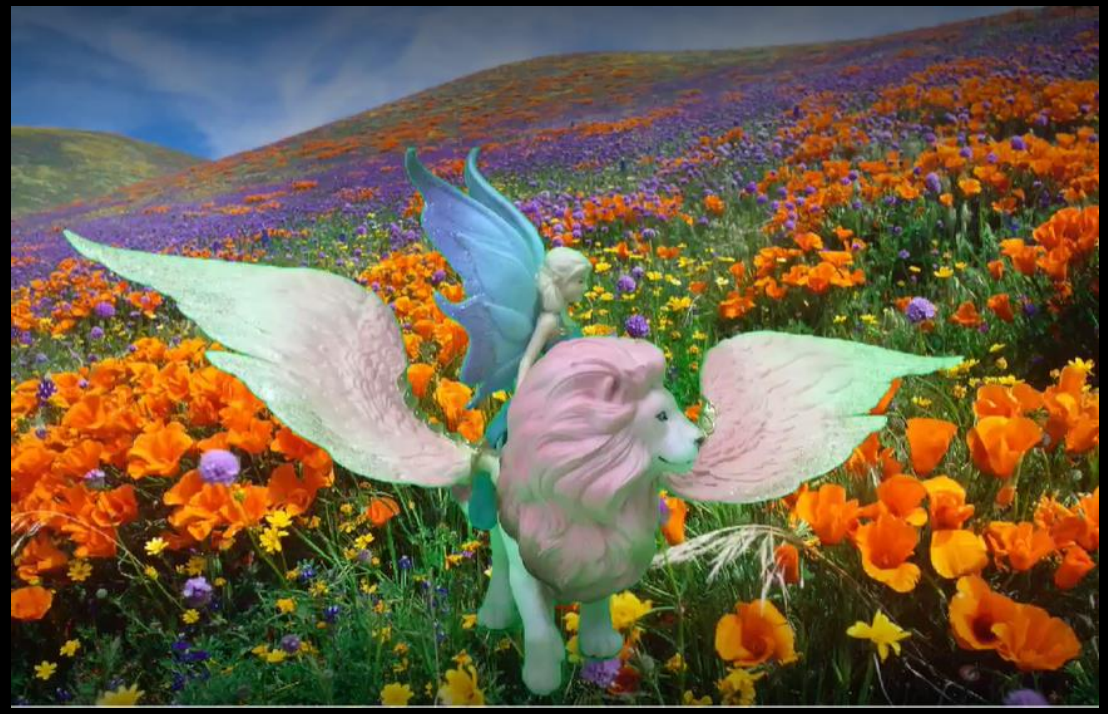
Communication: Communicating and Collaborating:

Thinking: Creative Thinking and Critical and Reflective Thinking

Personal and Social: Personal Awareness and Responsibility, Positive Personal and Cultural Identity, Social Awareness and Responsibility

Communication and Collaboration

Grade 2 students at Isabella Dicken Elementary explored stop motion and green screen to create visual stories around the theme of “What do your toys do when you are not at home?”



Communication and Collaboration

- Students at TM Roberts Elementary are exploring the Green Screen Tech Tool to showcase a Ktunaxa Legend about the creation of the seasons.

Communication

Digital Tools that Support Literacy

- Reading Progress
- Immersive Reader
- Dictate
- Seeing AI

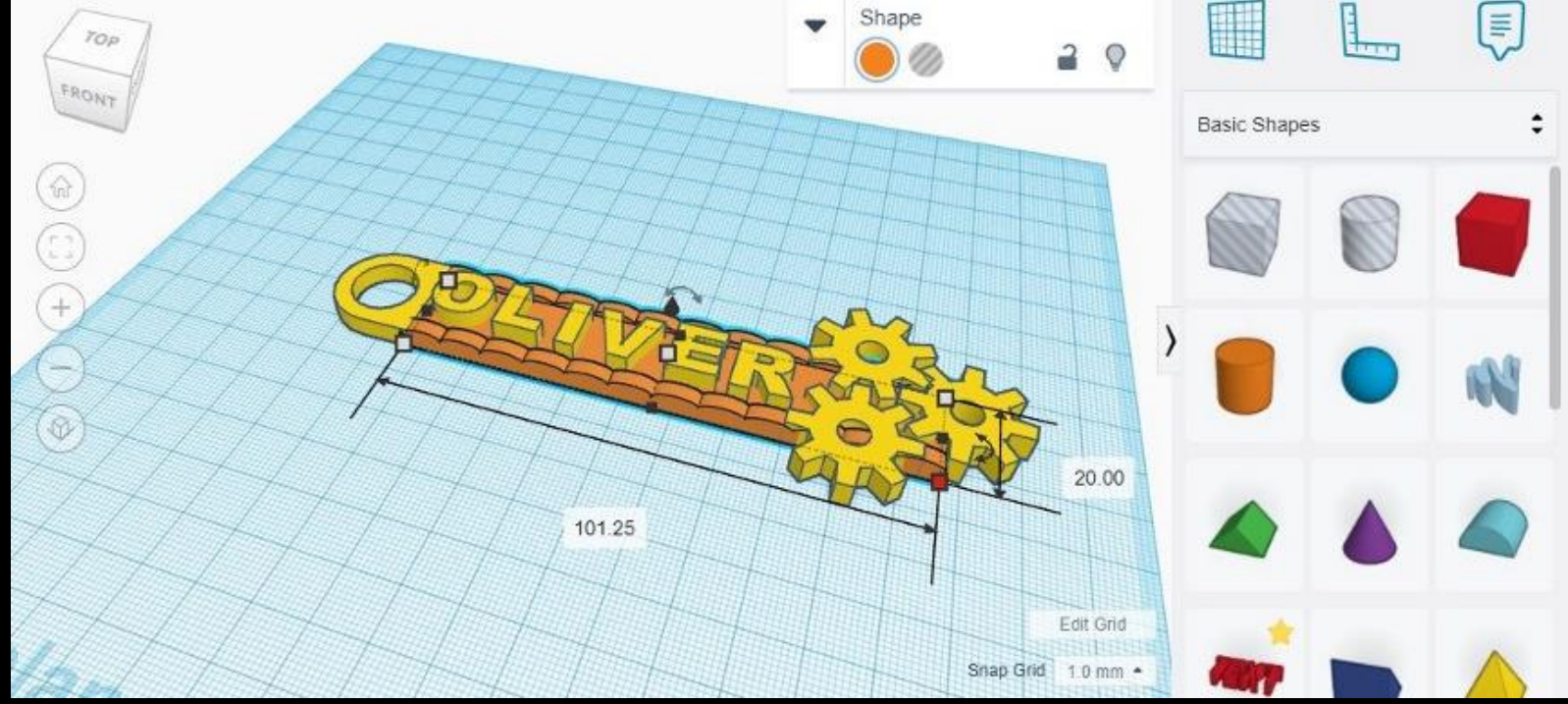
Critical Thinking

- ADST and Coding with Lego Robotics
- Students followed the Design Process to design a walking robot
- Students used computer programming to code the robot to walk

Critical Thinking

Visualizing Mathematics through 3D Design and Printing

- Students at FJ Mitchell Elementary (grade 5) and Isabella Dicken Elementary (grade 4) explored the basics of 3D Design and Printing.
- Students experience real world applications of mathematics through the manufacturing process provided possibilities to build numeracy confidence in reluctant learners.



Creative Thinking

- **Leveraging Literacy and Technology**

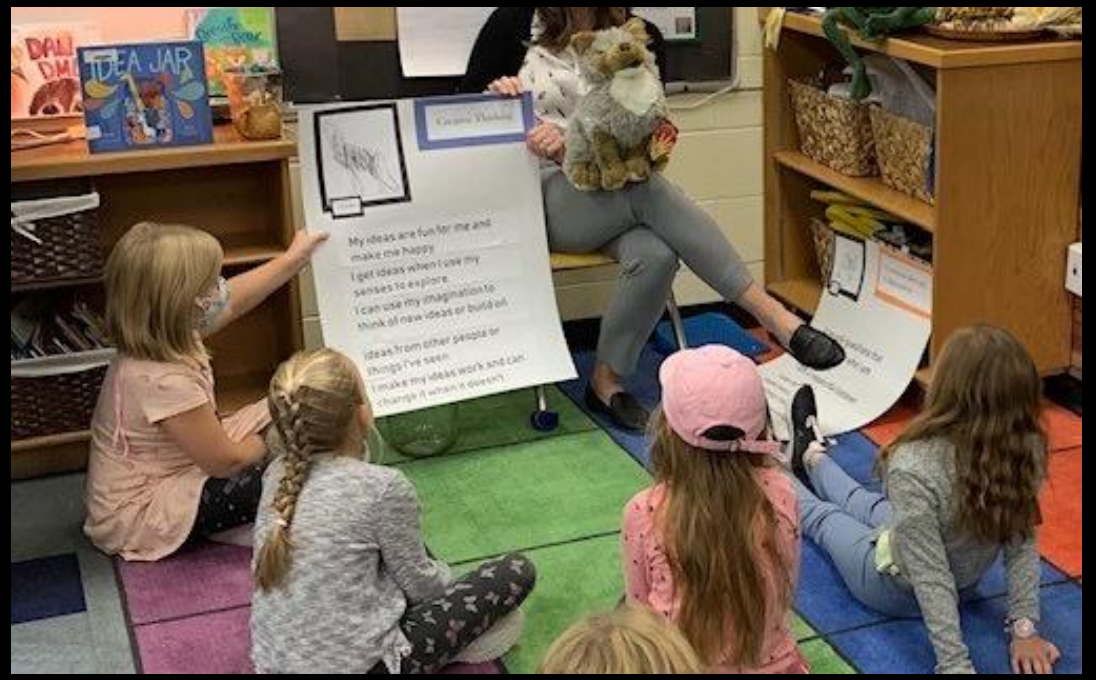
Creative Thinking

Story Studio fosters more of a *whole language* approach to learning and literacy.

The goal is to use a **Story** book to explore literacy and then have the students move into the **Studio** portion where they are invited to "play" with a provocations connected to a story element. Encouraging student to become authors of their own stories.

- Engage all learners
- Celebrate students' voice
- Offer hands-on learning experiences
- Use multi-model opportunities for students to document and reflect on their own learning

During Story Studio, students from Steeples got the opportunity to explore Story telling technologies throughout history. They painted on the walls, carved clay tablets, made pictographs, wrote on papyrus, printed on wooden blocks, and “wove” tapestries.



Social Awareness and Responsibility

- Exploring place and history through Virtual Reality
- Grade 7 students at Elkford Secondary toured historical places throughout Greece and learned about the cultural significance of these places
- Grade 8 French students at Elkford Secondary explored a variety of different French speaking nations using VR

Social & Personal Awareness and Responsibility

- Drone Pilot Project with students from Fernie Secondary School
- Learned about Transport Canada drone safety rules and regulations
- Explored emerging 21st careers and industries that use drones
- A drone obstacle course was created to practice simple flying and landing drones
- Students worked together to develop a multimedia media project using drones, iPads and 360 cameras

SD5 FESL Learning Outcomes

1

Students will meet or exceed literacy expectations for each grade level

2

Students will meet or exceed numeracy expectations for each grade level

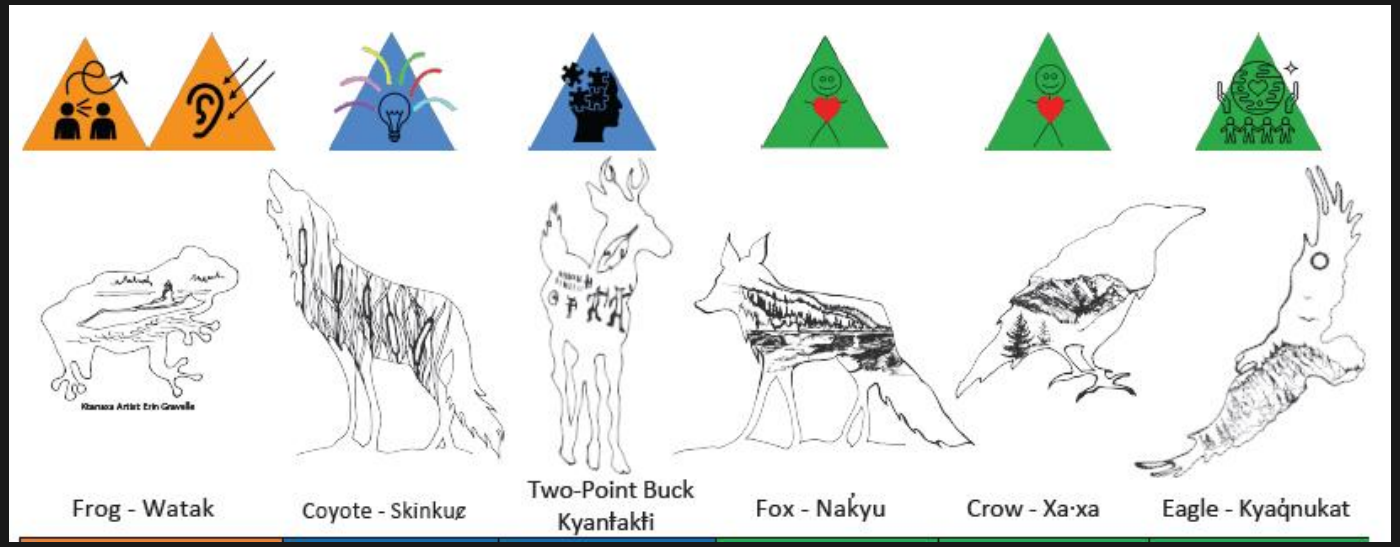
3

Students will feel they have a place to belong in our schools and society

4

Students will graduate with confidence, purpose, and options

Local Aboriginal Connection to the Core Competencies



Making the Core Competencies Visual and Connecting to Ktunaxa Language and Legends

Who was involved?

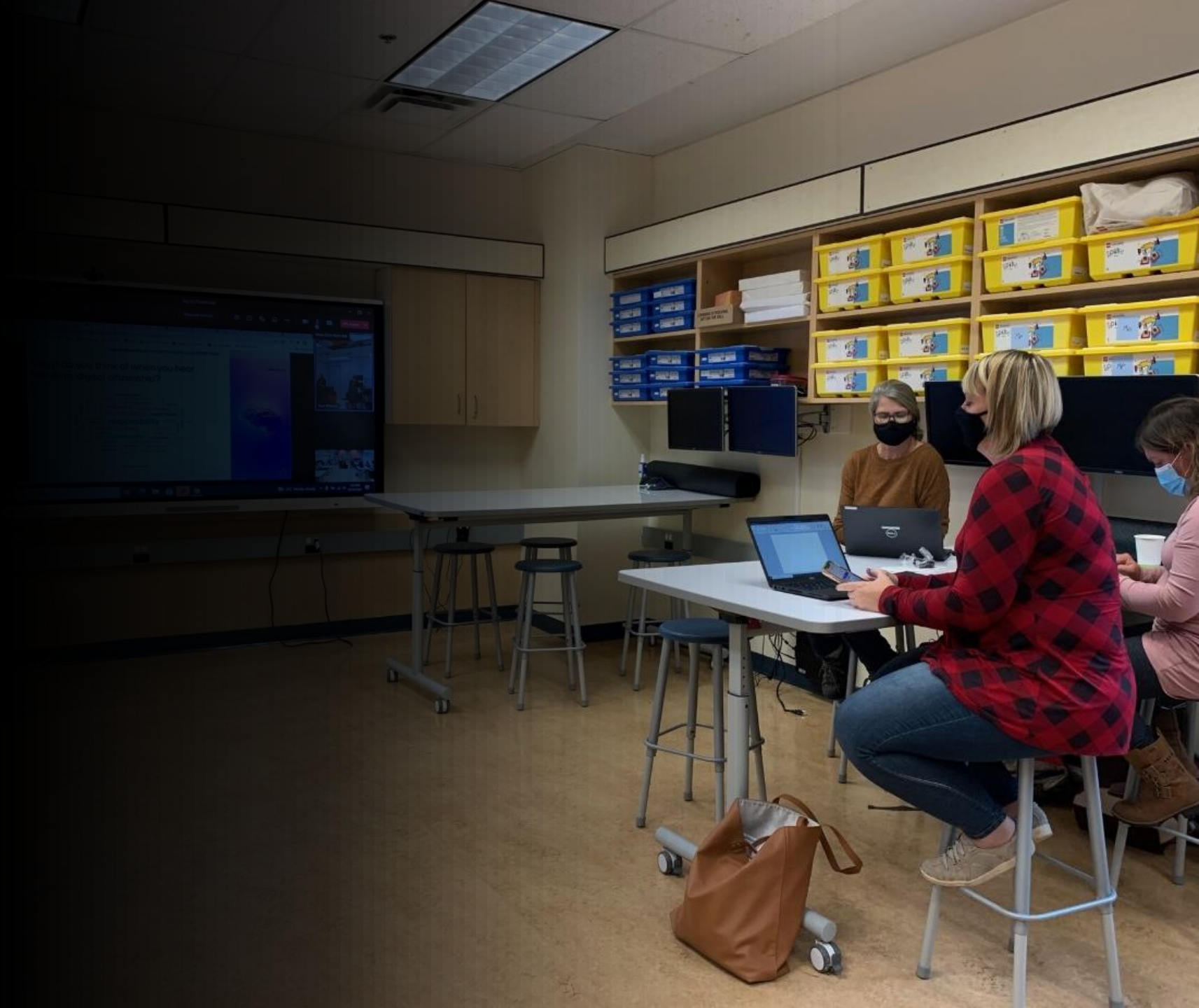
- SD5 Team – Deb McPhee, Faye O'Neil, Teachers, Aboriginal Education Team

Local Ktunaxa Collaboration

- Elders Group-Mt.Baker
- Aq'am Members
  - Chrystal Williams, Justin Williams, and Erin O'Neil

Digital Literacy FESL Initiative Highlights

- Gathering grade 4 Teachers and Teacher Librarians across the district to develop a district wide Digital Literacy/Citizenship/Skills Scope and Sequence for K-12
- Each Teacher Librarian will receive a digital citizenship book collection for their school library learning commons
- Grade 4 District-wide Digital Literacy Survey will be completed by March 2022



Numeracy FESL Initiative Highlights

- Collaboration between teachers across the district
- Projects include:
  - Elk Valley Numeracy Initiative
  - Thinking Classrooms
  - 13 Days of Math

Thank you!