

Kamloops Secondary STEM & Innovation Professional Development Day

Theme: Grounding in Culture, Growing through Technology: From First Peoples Worldviews to AI-Driven Assessment

08:30 AM - 09:00 AM | Arrival & Morning Tea

- **Location:** School Library
- **Objective:** To establish an informal networking environment and foster a supportive, collegial atmosphere for the day ahead.
- **Details:** Staff arrive, sign in for accountability, and collect instructional handouts. Specialty teas, coffee, and fresh breakfast pastries will be provided.

09:00 AM - 10:30 AM | Session 1: School-Wide Keynote & Strategic Visioning

- **Location:** School Theater
- **Guest Speaker:** Marc Garneau (BCAMT Executive Member and K-12 BC Math Curriculum Committee Contributor)
- **Presentation Title:** Demystifying Provincial Benchmarks: Navigating the Core Competencies of the GNA 10
- **Objective:** To dissect systemic BC Ministry of Education data regarding the Graduation Numeracy Assessment and guide teachers on how to bridge the gap between rote execution and complex, contextual problem-solving.

10:30 AM - 10:45 AM | Morning Coffee Break

- **Details:** A quick 15-minute transition break for staff to stretch, refill mugs, and move toward the morning breakout rooms.

10:45 AM - 12:15 PM | Session 2: Localized Curricular Integration & First Peoples Learning

- **Location:** Mathematics & Science Wing (Classrooms)
- **Guest Facilitator:** Lynda Hall (Experienced Educator from **Sahali Secondary School**)
- **Presentation Title:** Place-Based Learning: Authentically Weaving Indigenous Worldviews and FNEC Frameworks into Secondary STEM
- **Objective:** To provide practical strategies for utilizing official First Nations Education Steering Committee (FNEC) resources to weave Indigenous worldviews, local ecological knowledge, and stewardship principles seamlessly into middle and high school math and science curricula.

12:15 PM - 01:15 PM | Catered Lunch

- **Location:** Staff Room
- **Objective:** To allow for mental decompression, peer bonding, and informal dialogue regarding the morning's pedagogical insights.

01:15 PM - 02:30 PM | Session 3: Technology Integration Workshop (AI & Report Cards)

- **Location:** Computer Labs
- **Guest Facilitator:** Guest Teacher & Educational Technology Lead from **Valleyview Secondary School**
- **Presentation Title:** Smart Assessment: Using Generative AI to Craft Personalized Report Card Comments in MyEd BC
- **Objective:** To equip teachers with the skills to use AI tools efficiently and ethically for report card completion. Educators will learn how to write effective prompts aligned with BC Core Competencies to generate high-quality, personalized student feedback while strictly adhering to FOIPPA student data privacy regulations.

02:30 PM - 03:30 PM | Session 4: Self-Directed Professional Synthesis & Wrap-Up

- **Location:** Individual Classrooms
- **Objective:** In accordance with standard BC collective bargaining agreements for self-directed professional time, teachers use this hour to implement the day's frameworks directly into their upcoming lesson profiles.
- **Key Focus:** Integrating First Peoples perspectives into upcoming units, exploring AI comment generation workflows, and submitting a brief professional learning log to the school's Pro D committee chair.