

Building Capacity Among K-12 Teachers to Promote Skilled Trades



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Lethbridge Polytechnic: Your Partner in STEM

This project aims to:

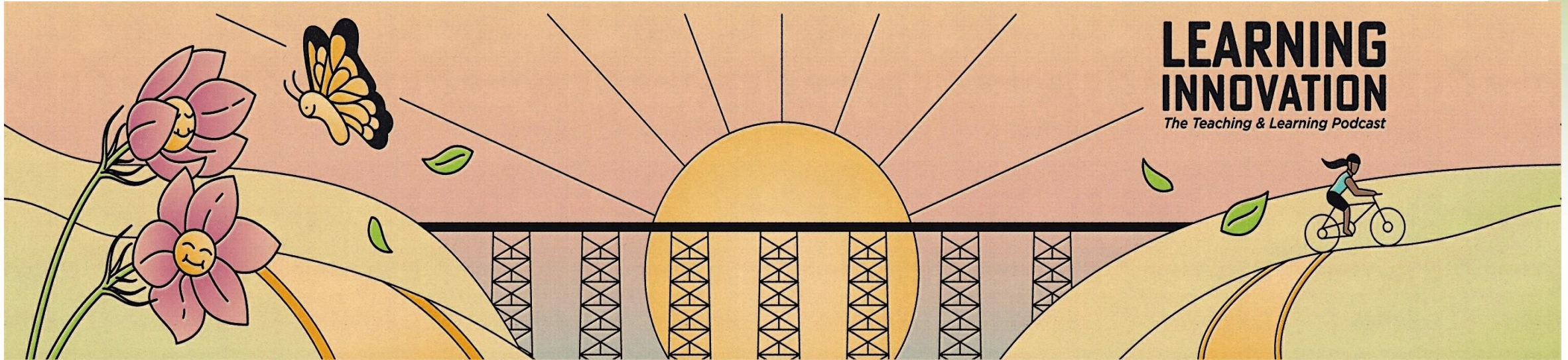
- Identify connections between Alberta K–12 mathematics and science curriculums and the skilled trades ILM's (individual learning modules) at Lethbridge Polytechnic
- Provide teachers with resources and professional learning opportunities to support authentic and engaging learning in STEM subjects
- Tap into the real-world application of trade tools and theory to provide learners with context for learning topics in science and mathematics
- Build awareness among K-12 students, parents and teachers regarding the value and desirability of careers in the skilled trades

Value to Educators

- Build professional learning networks with post-secondary instructors
- Learn about the transitional experience for students moving from K-12 to skilled trades education
- Design and implement resources that connect K-12 mathematics and science curriculums to authentic real-world applications
- Learn more about the skilled trades, as well as knowledge and skills important for success in these programs

Value to Educators

- The story of a teacher and an instructor who worked on the STEM Project



• <https://www.podbean.com/ep/pb-xks3i-14eb336>

Your Partner in STEM

Teachers of K-12 science, technology, engineering and math (STEM) subjects can find free resources for their classrooms to help bring math and science concepts to life using tools of the trades. Teachers can access resources or collaborate with Lethbridge College instructors and industry partners to create unique learning experiences in STEM.

[Learn more](#)



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BE READY.

What's next for you?

How might teachers support authentic connections to industry in the classroom? What has worked for you or your colleagues?

- Open discussion and sharing of success stories

**WHAT
HAPPENS
NEXT
MATTERS
MOST.**



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