



# Why a STEM Week?

## What is STEM?

STEM stands for Science, Technology, Engineering, and Math.

But...

*STEM is so much more than four fields of study, though. It has become a short-form label that includes a diverse set of 21st century skills and characteristics — ways of thinking about (and solving) the problems that we all face as global citizens.*

~ Canada 2067

## Why is developing an early interest in STEM needed?

In Canada there is currently a shortage of tech talent to meet job demand and this is only going to increase. Although STEM fields have the fastest rate of job growth, only 24.8% of Canadian post secondary graduates were from STEM related fields.

*We're not doing enough to encourage and enable students to pursue the disciplines that are going to shape the future work force.*

~ Rohan Mahimker

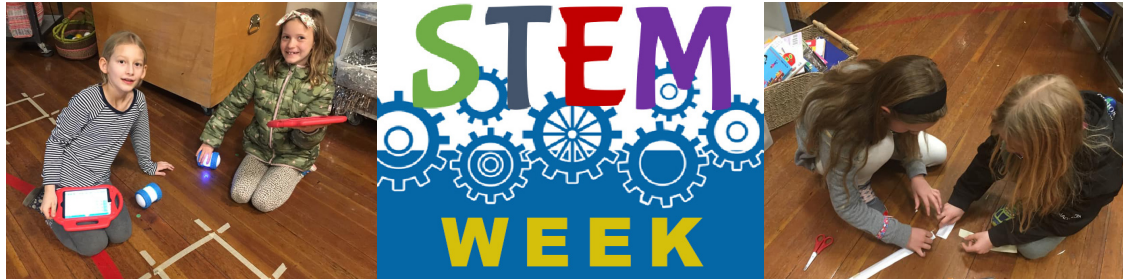
Co-founder and co-CEO, Prodigy Game

Most Canadian students disengage from STEM courses before graduating high school, limiting their options in the highest job market. Currently more than half of Canadian students graduate high school without a senior level math and/or science credit, citing that STEM subjects are 'too difficult' as the main reason for not pursuing these courses. According to reports, an early interest in STEM fields, through hands-on play activities, can help counteract those beliefs that STEM subjects are hard and aid against the gender discrepancy in STEM fields.

65% of children today will be working in jobs that don't exist yet - let's help prepare them for the future.

Dear Kelowna STEM Business,

The Glenmore Elementary School Parents Advisory Council is currently preparing for the second annual GME Family STEM Night, re-imagined for COVID! Last year's inaugural STEM night was a huge success, but due to COVID we can't host it in the same way this year. Instead we will be providing multiple STEM activities to all classes and school-wide STEM BINGO.



We also want the STEM learning to go home and become a part of *Family Time*, bringing parents and children together with STEM. During STEM week we are going to be raffling off STEM games and activities for students to take home and share with their families. This draw will be for all students with prizes for both our littlest learning to our oldest.

We would like to ask you to sponsor our passion for STEM education by donating a game/activity for our student raffle. This can be done by purchasing a STEM/Logic game and delivering it to Glenmore Elementary School *Attn STEM Week* or by making a cash donation and we will purchase something on your behalf. Here are a few ideas:

### Books

- Maker Lab (~\$17)
- STEM Lab (~\$25)
- How Stuff Works (~\$20)
- Awesome Science Exp for Kids (~\$20)

### Toys & Games

- Keva Blocks (~\$25-\$70)
- GoldieBlox (~\$50)
- Snap Circuits (~\$35-\$70)
- Sphero Mini (~\$50)
- GraviTrax (~\$70)

- OSMO (~\$120)
- Leonardo da Vinci's catapult kit (~\$20)
- PicassoTiles (~\$50)
- Kiwi Co subscription (~\$27/month)

- 3D logic puzzles (~\$10)
- Crystal Growing (~\$20)
- STEM Challenges (~\$23)
- Think Fun Games (~\$35+)

I look forward to hearing back from you about helping us encourage a passion in our students and to inspire the next generation of innovators, entrepreneurs, engineers, and scientists.

For more information or to make a donation please contact:

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