

# STEM

## TRAINING FOR OST PROGRAMS



### Spark curiosity and ignite young minds!

Explore the exciting world of STEM (Science | Technology | Engineering | Math) in this hands-on training designed specifically for Out-of-School Time Programs. Learn its importance, unlock creative lesson ideas, and gain the skills to deliver engaging STEM experiences that will empower your students of all ages.



### Why teach STEM?

STEM education encourages a hands-on, exploratory approach that fosters critical thinking, problem-solving, and analytical skills. By engaging in research, designing solutions, and testing hypotheses, young people learn to ask questions, identify patterns, and develop strategies to overcome challenges. These skills are valuable not only in STEM fields but also in everyday life and future careers.

### What to expect from the training?

Your OST staff will unlock the secrets of crafting hands-on STEM lessons that ignite curiosity and empower students of all ages to become critical thinkers and problem solvers. Learn how to hook learners, use effective questioning techniques, and lead engaging lesson summaries.

Attendees will learn how to:

- Differentiate rigorous STEM activities from PreK to Grade 5 and Middle and High School
- Gather and store materials on any budget
- Fund and utilize technology and robotics to take lessons to the next level