



PRESENTS

# INTERMEDIATE STEAM ENGINE

## Grades 5-8

www.mathstronauts.ca



### Description

STEAM Engine - Intermediate Level is a weekly online program in which middle school students (Grades 5 - 8) explore the world of science and technology! In the Intermediate course, we take Beginner concepts to a whole new level, exploring brand new topics through exciting hands-on projects in a fun and engaging environment.

In this weekly online program students will learn and apply new concepts in 3D modeling, graphic design and coding (in Python) to explore the exciting area of App Development! Over 10-weeks, students will 3D model a Weather Station, create graphics for their very own app, and use new coding concepts to program a fully functional Weather App using real time data from an application programming interface (API)! Learners will also explore various topics in climate sciences and how scientists and engineers predict weather patterns on Earth.

### How To Register:

Visit [www.mathstronauts.ca/Programs](http://www.mathstronauts.ca/Programs) to register by **January 31, 2022**.



### Details



**TUESDAYS OR WEDNESDAYS**  
4:00 PM - 6:00 PM



**ONLINE**  
Eastern Daylight Time



**FEB - APRIL 2022**  
(10 weeks)



**\$125.00 CAD**

