



# STEAM ENGINE PROGRAM

Exploring Coding and Design Tools

Grades 5-8

CONTACT US :

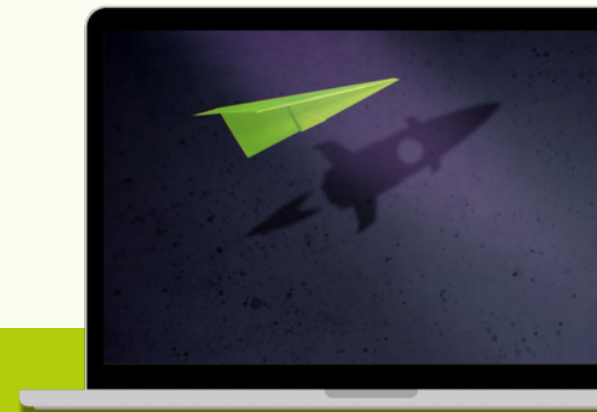
CONTACT@MATHSTRONAUTS.CA

## ABOUT US :

**Mathstronauts** is a federally incorporated non-profit organization founded in 2016 in Hamilton, Ontario. We develop and deliver high quality, inclusive, equitable STEM programs to students in grades 4 to 12 in underrepresented communities of Ontario.

Our mission is to **remove barriers and empower young people to develop digital technology and STEM skills** using a multidisciplinary project-based learning (PjBL) approach. Our pedagogical expertise and instructional strategies create meaningful learning opportunities for youth to experience STEM in novel ways.

[Learn more](#)





# STEAM ENGINE

## Exploring Coding and Design Tools

Build your child's understanding of STEAM concepts

In this course, your child will delve into the creation of **3D models** using Tinkercad, master **graphic design** with Canva, and acquire essential **coding skills** using block coding in Scratch.

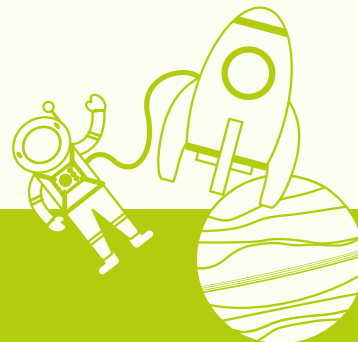
Combining these new skills, they will **create engaging animations** centered around Mars and the challenges of surviving on the Red Planet, and immersed in the fascinating world of **space sciences!**

Learn more about the program:

[STEAM Engine Program](#) 

### Open Registration

Fall Term: Early September  
Winter Term: Early January



## WHY STEAM ENGINE PROGRAM?

01

### Convenient

Engage your child in a fun STEM course, right from the comfort of your home!

02

### Introduce STEM and coding early

Early exposure lays a strong foundation for your child for more advanced STEM learning in the future.

03

### Prepare for Future Opportunities

STEM-related careers are in high demand. STEAM Engine shows them exciting potential career paths in STEM.

