

*look forward to a*

# BRIGHTER FUTURE



## RUTHERFORD STEM EXPO FOR GRADES 4 -8

**Don't miss out on a unique experience!**

Whether you are an aspiring coder app developer or mechatronics engineer, unleash your inner "maker" and do something BIG! Just come and meet us!!

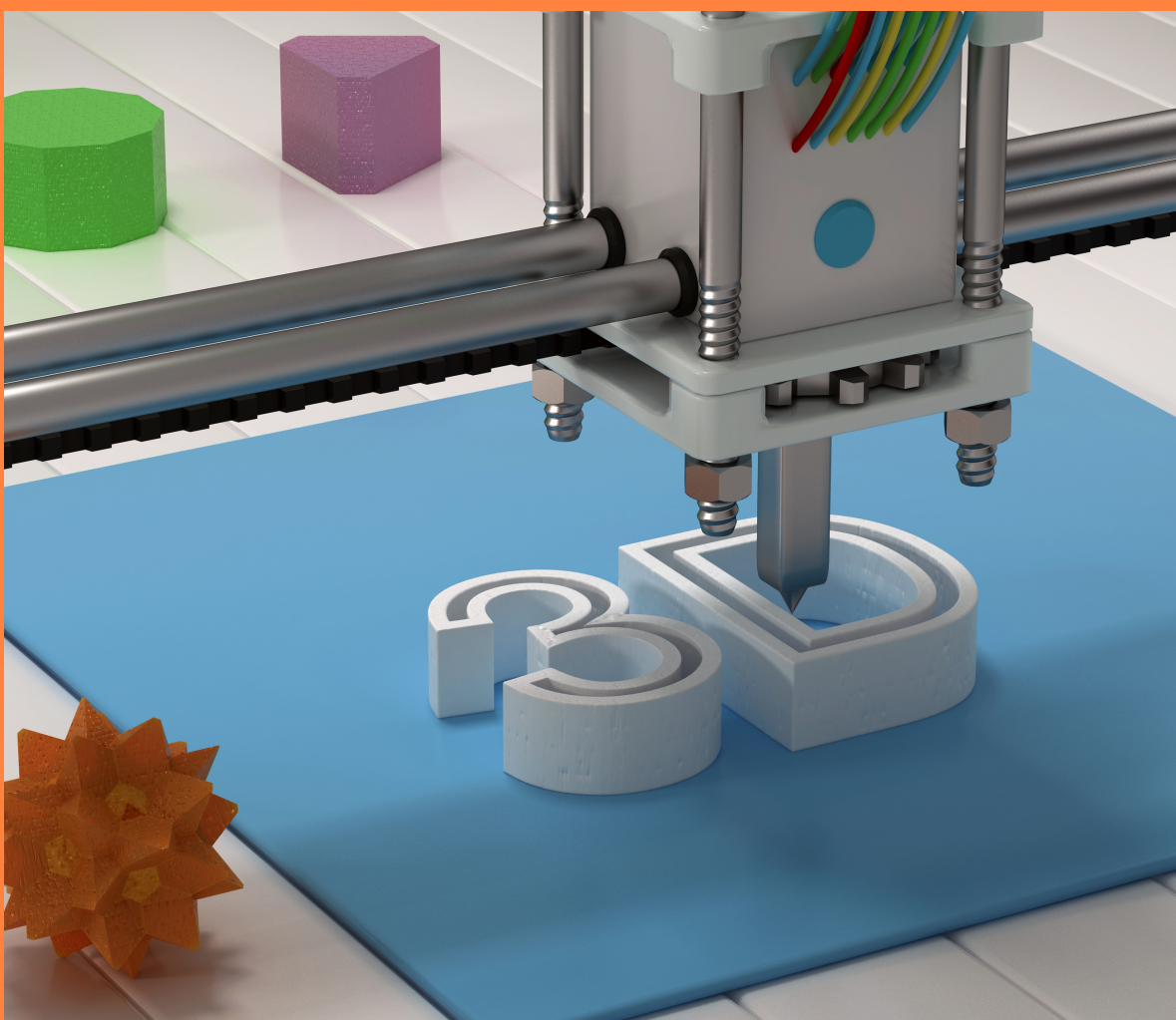






## MIXED REALITY (AR, VR)

## HANDS-ON ENGINEERING



## 3D MODELLING & 3D PRINTING

## WORKSHOPS

MIXED REALITY (AR, VR) | LIVE STREAMING VIDEO  
 MENTAL MATH | DRONE PROGRAMMING | CHEMISTRY SCIENCE LABS  
 HANDS-ON ENGINEERING: SIMPLE ELECTRICAL CIRCUIT & SIMPLE MACHINE  
 EV3 ROBOT | 3D MODELLING & 3D PRINTING

"START YOUR STEM JOURNEY TODAY! ASK US HOW"



# YOUR FUTURE BEGINS HERE...

## HANDS-ON ENGINEERING

In this workshop students can take the opportunity to real time experiment how different combinations of electro-mechanical pieces can work together to serve some meaningful and creative purposes, or accomplish challenges assigned by our professional instructors.

## ROBOTICS

Robotics is a production-based learning module. Students have the opportunity to create something tangible and make it perform the actions that they program it to do.

## PROGRAMMING

Learning to code helps kids build critical skills such as math, writing, creativity, and confidence. It teaches kids that finding a solution to a problem often involves a logical sequence of steps or actions

## TECHNOLOGY

Students can benefit from the use of 3D modelling and 3D printing. 3D design skills lead to a natural interest in more advanced topics, such as 3D animation, geometry and higher level math, physics and robotics.

**STEM EXPO** is a powerful and enjoyable way to engage young people with STEM (science, technology, engineering and mathematics) subjects, and deliver a wide range of benefits.

# RUTHERFORD STEM PROGRAMS

Participation in STEM programs will help students both academically and personally.

**PA DAY**

**WINTER BREAK**

**MARCH BREAK**

**SUMMER CAMP**

**AFTER SCHOOL**

**HIGH SCHOOL CREDITS**



**"START YOUR STEM JOURNEY TODAY! ASK US HOW"**

---

**SIGN UP TODAY & RECEIVE EXCLUSIVE OFFERS AND PROMOTIONS!**

**[www.rutherfordschool.ca](http://www.rutherfordschool.ca)  
[stem@rutherfordschool.ca](mailto:stem@rutherfordschool.ca)**