

# DESIGN, BUILD, AND LAUNCH A SMALL SATELLITE! ARE YOU UP FOR THE CHALLENGE?

A CanSat is a small simplified satellite which is the size of a soft-drink can. The challenge is to fit all the major subsystems found in a satellite - such as power, sensors, and a communications system - into this minimal volume. The CanSat is then launched by a rocket (or dropped by airplane or drone) to an altitude of approximately one kilometre. Then its mission begins. This involves carrying out a scientific experiment and/or a technology demonstration, achieving a safe landing, and analysing the data collected.

The CanSat Design Challenge is starting its inaugural offering for secondary schools - only in British Columbia – in September, 2020. Form a team at your secondary school. Design it, build it, then join us for the launch campaign in Spring, 2021.

For more information, please visit [www.csdcms.ca](http://www.csdcms.ca) or contact your school's representative:

Name: \_\_\_\_\_

Contact info: \_\_\_\_\_

Presented by:



The Canadian Satellite Design  
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