

DESIGN, BUILD, AND LAUNCH A SMALL SATELLITE!

ARE YOU UP FOR THE CHALLENGE?

(NO EXPERIENCE NECESSARY!)

A CanSat is a small simplified satellite which is the size of a pop can. The challenge is to fit all the major satellite subsystems - power, computer, sensors, communications system, and science experiments - into this minimal volume.

The CanSat is launched by rocket (or dropped by drone) up to an altitude of approximately one kilometre. It conducts its mission as it descends, then you analyse the data which was collected.

The CanSat Design Challenge is seeking teams of high-school students from across Canada to join the competition in Autumn, 2025. Form a team at your secondary school. Design it, build it, then join us for the launch campaign in Spring, 2026!

It's free! We have a Beginner and Advanced category, YouTube tutorials, and we will provide you with a free CanSat kit!



For more information, please visit www.csdcms.ca or contact your school's representative:

Name: _____

Contact info: _____

Presented by:



The Canadian Satellite Design
Challenge Management Society Inc.,
CRA Charity # 80653 4806 RR0001.

The CanSat Design Challenge is generously supported by:

