

# CEMC CS Escape Workshop

Sponsored by the Centre for Education in Mathematics and Computer Science  
University of Waterloo

This is an opportunity for young women, and other gender identities that are underrepresented in Computer Science, with an interest in mathematics to be introduced to programming. We hope it will encourage participants to consider taking a Computer Science course in the future. Typically, less than 25% of the students taking CS courses in high school and university are female.



Students will learn basic Computer Science concepts using [CoSpaces](#). This platform makes it easy to create interesting, interactive, 3-D animations that can be explored in virtual or augmented reality on various digital devices.

The workshop will take place over three Monday evening sessions: **June 7, 14, and 21.**

- Each session will be held virtually on Zoom from 7:00 p.m. until 8:00 p.m.
- Sessions will consist of a lesson portion that will introduce important Computer Science concepts followed by an opportunity to practice using what they have learned in smaller groups.
- By the end of three sessions, participants will have the tools to create a virtual escape room that they can share with friends.

The sessions are designed to spark interest in Computer Science in students who have done little or no programming.

- Students are encouraged to sign up with a partner, but they may register as individuals as well.
- Participants will be given a short task designed to introduce them to CoSpaces before the first workshop session.
- Everyone who takes part in the workshop will be given a 6-month license for the Pro version of the CoSpaces platform which they can use to explore more at their own pace.

Interested students should pre-register by May 28\* at:  
[CEMC CS Escape Registration Form](#)

For more information contact Sandy Graham at [sandy.graham@uwaterloo.ca](mailto:sandy.graham@uwaterloo.ca)

\* There will be a limit to the number who can register for the sessions. Registration may close early if the workshop fills up before May 28.