



C W S E - O N

Free classroom workshops promoting Science, Engineering, and Technology

CWSE-ON workshops raise student awareness of Science, Engineering, and Technology education and careers:

- Workshops are for youth in grades 7-12 and their teachers.
- All workshops are led by an experienced mentor who guides the students and their teacher through an interactive presentation, Q&A, and team-based, hands-on activities from start to finish.
- Activities engage students in SET (Science, Engineering, Technology) skills, problem-solving, communication and creativity.
- Male and female students benefit from workshop information about college and university programs in Ontario and the exciting diversity of careers available to them in science, engineering and technology.
- Students are encouraged to take courses in math and science to keep their post-secondary options open.
- CWSE-ON workshop leaders are female role models with a background in science, engineering, or technology. Their workshop leadership seeks to eliminate career gender stereotypes and encourages young women to see themselves entering SET career fields.

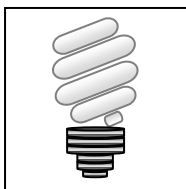
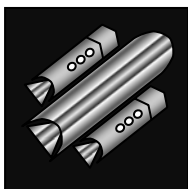
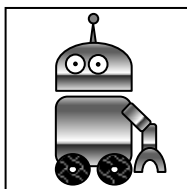
CWSE-ON workshops are provided FREE to schools:

- All materials are brought into the classroom; students need only bring a pencil and scrap paper.
- A screen or clear wall space in the classroom is required for the PowerPoint presentation.
- Workshop length is 75-100 minutes.
- The maximum number of students per workshop is 30.
- 3-4 workshops can be presented in a day to a number of classes (avoiding overlap of students).
- Workshops are currently offered in English only.

Bring a CWSE-ON workshop into your classroom:

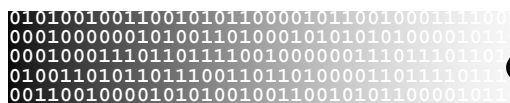
- Review the workshop descriptions below and fax or email your request to the contact information provided on the following page.

Ready, SET, Go!



Workshop activities emphasize the engineering principles – design, create, test – and fit well with the following curriculum: 7/8 Math, Science and Technology; 9-12 Math, Careers, Science, Technology, Chemistry, Physics, Biology.

Codes, Computers, and Instant Communication



Workshops explore how math is applied in all things digital – from text messaging to digital images – and fit well with the following curriculum: 7/8 Math, Science and Technology; 9-12 Careers, Math, Science, Technology, Computer Studies.

For more information, go to www.cwse-on.ca or contact our office:

519-824-4120 ext. 53674 or cwse@uoguelph.ca

We acknowledge the generous support of our funders:





WORKSHOP REQUEST FORM

CWSE-ON Science, Engineering and Technology In-class Workshops

C W S E - O N

YES, I would like to bring CWSE-ON workshops to my school.

Email the information below to cwse@uoguelph.ca, or complete this form and fax to: 519-836-0227. You will be contacted to schedule workshops at your school.

Name: _____ Phone: _____

Email: _____ Fax: _____

School Board: _____

School: _____

School Address: _____

Workshops Requested - Please list 3-4 classes per day. We recommend coordinating with other teachers in your school to fill a day and to avoid student overlap. Note that **a teacher must be present in the classroom during presentations:**

A. Ready, SET, Go!

Class Time

1. Class: _____ Grade: _____ Start/End: _____

2. Class: _____ Grade: _____ Start/End: _____

3. Class: _____ Grade: _____ Start/End: _____

4. Class: _____ Grade: _____ Start/End: _____

B. Codes, Computers, and Instant Communication

1. Class: _____ Grade: _____ Start/End: _____

2. Class: _____ Grade: _____ Start/End: _____

3. Class: _____ Grade: _____ Start/End: _____

4. Class: _____ Grade: _____ Start/End: _____

Total number of students (approximately): _____

Potential Date for Workshops First Choice: _____

Second Choice: _____

Questions/Comments: