

Venture Travelling Workshops 2018

FREE TRAVELLING WORKSHOPS FOR STUDENTS IN KINDERGARTEN TO GRADE 8

To Interested Science Educators and School Administrators:

Venture is back again (for our 27th year!) with another exciting fleet of workshops to choose from for your school! We deliver free workshops to schools in the area run by our staff of enthusiastic undergraduate engineers as well as run week long engineering camps in the summer.

Our goal with workshops is to capture children's interest in science and engineering from a young age through exciting hands-on activities with real world applications. Many students are put off by the complexity of STEM subjects, we all need to work together to make sure the next generation is interested in STEM before they begin to make big decisions about their high school courses to make sure they have all options open to them for post-secondary education. In 2017, we were able to engage over 20,000 students and motivate them to continue on in.

Workshop Topics to Choose from:

KINDERGARTEN – Civil Engineering (Engineering and the Natural World)
GRADE 1 – Mechanical Engineering (Understanding Matter and Energy)
GRADE 2 – Chemical Engineering (Understanding Matter and Energy)
GRADE 3 – Civil Engineering (Understanding Structures and Mechanisms)
GRADE 4 – Engineering Physics (Understanding Matter and Energy)
GRADE 5 – Biomedical Engineering (Understanding Life Systems)
GRADE 6 – Aerospace Engineering (Understanding Structures and Mechanisms)
GRADE 7 – Chemical Engineering (Understanding Materials Form and Function)
GRADE 8 – Environmental Engineering (Understanding Matter and Energy)

New option this year!

GRADE 1-4 – Software Engineering (Understanding Technology)*
GRADE 5-8 – Software Engineering (Understanding Technology)*

***School Computer Lab Required**

Beginning **Wednesday, May 9, 2018** and running until **Friday, June 1, 2018** Venture instructors are offering to visit your school to deliver 8 one-hour workshops in one day on topics that engage students in active learning with regards to engineering and science. To register for workshops please, complete the attached form. Your school must commit to scheduling 8 workshops for the day (and allow for a 1 hour break for our instructors). Workshop dates will be offered on a first come, first serve basis a confirmation will be emailed to you once your school's registration is complete.

If you have any questions please contact us at **905-525-9140 ext. 24906** or email vespi@mcmaster.ca, visit our web page: <http://venture.mcmaster.ca>.

Sincerely,
Carm Vespi, Manager
Engineering Alumni Relations



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Innovation in Education
Excellence in Research
Quality of Student Life

Venture Workshop Registration Sheet

KINDERGARTEN TO GRADE 8

CONTACT PERSON: _____
 SCHOOL: _____
 SCHOOL ADDRESS: _____
 _____ POSTAL CODE: _____
 PHONE NUMBER: _____ FAX NUMBER: _____
 E-MAIL (required): _____

Please Print Clearly

NOTE – ALL CONFIRMATIONS WILL BE SENT BY EMAIL ONLY.

Please **clearly indicate** the workshop grade you would like presented for each time slot below. Also, please fill out your **school break schedule**.

When completing the workshop schedule please keep in mind the following:

- Each **workshop is 1 hour** in length; two workshops are run concurrently in separate classes.
- Workshops must be booked all day for 8 workshops.
- Schedule workshops around: announcements, grade 3 and 6 testing, lunch, recess and nutrition breaks.
- If necessary, workshops can be split over breaks (i.e. begin before recess and end after recess).
- A **10 minute break** should be scheduled between workshops.
- Indicate the number of students so Venture staff can bring adequate supplies for classes. If there will be more than 30 students a special request will need to be made for extra accommodations
- Workshops will be offered from **May 9th, 2018 to June 1st 2018**

Morning Workshops: Consists of 4 workshops from Kindergarten to Grade 8

Time	Classroom #1		Classroom #2	
	Grade	# of Students	Grade	# of Students

Afternoon Workshops: Consists of 4 workshops from Kindergarten to Grade 8

Time	Classroom #1		Classroom #2	
	Grade	# of Students	Grade	# of Students

School Schedule: Please indicate breaks (i.e. lunch, nutrition break #1, morning recess, etc.) and their start and end times

Break	Start Time	End Time	Break	Start Time	End Time

Please fill in three (3) potential dates:

1. _____ 2. _____ 3. _____

SIGNATURE: _____