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](http://venture.mcmaster.ca).

Sincerely,
Carm Vespi, Manager
Engineering Alumni Relations
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

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<th>Time</th>
<th>Classroom #1</th>
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Afternoon Workshops: Consists of 4 workshops from Kindergarten to Grade 8

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

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<tr>
<th>Break</th>
<th>Start Time</th>
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Please fill in three (3) potential dates:

1. ____________________________________  2. ____________________________________  3. ____________________________________

SIGNATURE: ____________________________

__________________________________________________________