ATTN: Principal/Head of Science

The Learning Enrichment Advancement Program (L.E.A.P.) is a summer program run by the Faculty of Engineering at McMaster University. The program allows high school students to learn about engineering in a creative learning environment, while encouraging innovation, excellence and ingenuity.

L.E.A.P. is offering your school **FREE** workshops, targeting curriculum for students in grades 9 to 11. **We will travel to your school in order to deliver the workshops during your scheduled class time.** We can present up to 4 workshops per day at your school for students in Grades 9 to 11 beginning **Wednesday May 9th, 2018** and running until **Friday, June 1st, 2018**. More information on each workshop will be available on the LEAP website (http://leap.mcmaster.ca). The workshops we are offering this year are listed below:

**WORKSHOPS AVAILABLE**

- Grade 9 Physics – Electricity and Circuits
- Grade 9 Earth & Space Science – Space Exploration & Rocket Design
- Grade 10 Climate Change – Sustainable Energy Systems
- Grade 10 Physics – Light and Optics
- Grade 11 Chemistry – Chemical Reactions with Acids & Bases
- Grade 11 Physics – Electricity and Magnetism

**WORKSHOP TIMELINE**

15 minutes - Instructors will introduce the L.E.A.P. program and give a brief lesson on the workshop topic & concepts
45 minutes - The activity will follow with a hands-on activity to demonstrate these concepts.
15 minutes - A question and answer period for students that require additional information about the program, or general questions about Engineering, McMaster, or University life.

**ADVANTAGES OF L.E.A.P.**

- Hands-on learning activities
- Develop problem-solving skills for real-life
- Incorporates activities to develop leadership skills
- Gain valuable engineering experience
- Kick-start an engineering mindset
- Meet other students with similar interests

I strongly encourage your school to register for a LEAP Workshop in order to experience all that L.E.A.P. has to offer. For more details, please visit the LEAP website: http://leap.mcmaster.ca or if you have any additional questions please email me at vespi@mcmaster.ca. I look forward to hearing from you!

Best regards,

*Carm Vespi*
Manager, Alumni and Youth Relations
McMaster University
LEARNING ENRICHMENT ADVANCEMENT PROGRAM

WORKSHOP REGISTRATION SHEET

Please print clearly

CONTACT PERSON: ________________________________________________________________

SCHOOL: ________________________________________________________________

SCHOOL ADDRESS: ________________________________________________________________

POSTAL CODE: _________________________

PHONE NUMBER: _________________________ FAX NUMBER: _________________________

E-MAIL (Please print clearly): _____________________________________________________________

NOTE - ALL CONFIRMATIONS WILL BE SENT BY EMAIL ONLY

Please choose three (3) dates between Wednesday, May 9th, 2018 - Friday, June 1st, 2018 in order of preference. We will try to accommodate your first choice. If you teach multiple science classes, we can deliver up to 4 workshops in a day at your school for student in grades 9 to 11. Please specify below your 3 possible workshop dates, class time periods, class sizes and grade.

Workshop Topics are as follows:

✓ Grade 9 Physics – Electricity and Circuits
✓ Grade 9 Earth & Space Science - Space Exploration & Rocket Design
✓ Grade 10 Climate Change – Sustainable Energy Systems
✓ Grade 10 Physics – Light and Optics
✓ Grade 11 Chemistry – Chemical Reactions with Acids & Bases
✓ Grade 11 Physics – Electricity and Magnetism

<table>
<thead>
<tr>
<th>Workshop Topic</th>
<th>Grade</th>
<th>Class Time Period(s)</th>
<th>Number of Students</th>
<th>Additional Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please fill in three (3) potential dates:

1. ____________________________  2. ____________________________  3. ____________________________

If you are interested in having a L.E.A.P. travelling workshop at your school, please complete this form and fax it to Carm Vespi at 905-546-5492.