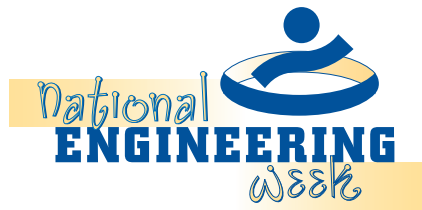


NATIONAL ENGINEERING WEEK



2007 Ontario Event Highlights

National Engineering Week (NEW) will take place February 24 to March 4, 2007. In Ontario, this week will feature dozens of activities for all ages. It's a great opportunity to have fun, whether you decide to volunteer or simply attend an event with your family. For more information on volunteer opportunities, and an up-to-the-minute calendar of events, visit www.engineeringweek.on.ca.

Watch for the NEW 2007 supplement appearing Thursday, February 22 in the Ontario edition of *The Globe and Mail*.

Barrie

4th Annual Simcoe County Mousetrap Vehicle Challenge

The Georgian Bay OACETT Chapter presents its Mousetrap Vehicle Challenge, where teams of local grades 7 and 8 students build and race cars that run on the power of a single mouse trap. Students will compete for speed and design. Contact Stephen Morley, CET, at 905-936-3968.

Belleville

5th Annual Popsicle Stick Bridge-Building Competition

PEO's Quinte Chapter challenges students in grades 4 to 12 to construct a bridge using only 100 popsicle sticks and white glue. Built ahead of time, bridges will be tested to destruction with the PEO Thousand Islands Chapter's Bridge Buster. Contact Deanna O'Leary, EIT, at 613-395-2540.

Chatham

5th Annual Impromptu Design Competition

PEO's Chatham-Kent Chapter hosts an impromptu design competition for area elementary and high schools. Students will be given a task and materials to design and construct their solutions to a problem. Contact Angela Hasty, P.Eng., at 519-436-4600, ext. 2049.

Cornwall

6th Annual Popsicle Stick Bridge-Building Competition

February 24, Cornwall Square

PEO's Upper Canada Chapter hosts a popsicle stick bridge-building competition for primary and secondary student teams. Instructions and building packages will be distributed to the teams several weeks before the event. Contact John St. Marseille, P.Eng., at 613-933-5602.

Guelph

Mall Display

PEO's Grand River Chapter staffs display booths at local malls in Guelph during National Engineering Week. Displays include information on the engineering profession and there will be engineering- and science-related activities for children. Contact Richard Pinder, P.Eng., at 519-787-0812.

Kingston

7th Annual Popsicle Stick Bridge-Building Competition

March 3, Queen's University

PEO's Kingston Chapter challenges local elementary school students as well as adults to construct the strongest bridge possible using only 100 popsicle sticks and white glue. Contact Brenden MacKinnon, P.Eng., at 613-384-2713.

Kitchener

Drop-in K'NEX Construction Workshops

12:00 p.m. to 4:00 p.m., Saturday, February 24; Sunday, February 25; Saturday, March 3; Sunday, March 4, Waterloo Regional Children's Museum

Engineering and technology volunteers will help children six and over create wonderful structures using K'NEX. Special features include a bridge-building challenge and demonstrations by Engineers Without Borders. Volunteers are needed to make this workshop successful. To sign up, visit www.engineeringweek.on.ca and click on "Volunteer Opportunities."

London

Drop-in K'NEX Construction Workshops

10:00 a.m. to 5:00 p.m., Saturday, February 24 and Sunday, February 25; daily from Tuesday,

February 27 through Sunday, March 4; also 5:00 p.m. to 8:00 p.m. on Friday, March 2, London Regional Children's Museum

Engineering and technology volunteers will help children six and over create wonderful structures using K'NEX. Special features include a bridge-building challenge and demonstrations by Engineers Without Borders. Volunteers are needed to make this workshop successful. To sign up, visit www.engineeringweek.on.ca and click on "Volunteer Opportunities."

PEO London Chapter Activities

Celebrate National Engineering Week with a variety of activities hosted by PEO's London Chapter, including a kick-off luncheon with guest speaker, paper airplane toss competition, bridge-busting competition and tours of local industries. Contact Ian Cheng, P.Eng., at 519-652-2104.

Guiding Exploring Technology-Scouting Exploring Technology (GETSET)

8:30 a.m. to 5:00 p.m., March 3, London Scout HQ, 531 Windermere Rd.

OACETT's London chapter presents a hands-on technology day for Guides and Scouts, with interactive displays, technical demonstrations, indoor and outdoor challenges and a bridge-busting competition. Contact Peter Nicholas, CET, at 519-878-0942.

Western Engineering Bonanza

The Undergraduate Engineering Society of the University of Western Ontario invites local high school students to attend presentations and demonstrations of various aspects of the engineering disciplines. The day concludes with a design competition between student groups. Contact Julie Ladiges at 519-204-4747.

Newmarket

Design Challenge 2007

4:00 p.m. to 8:00 p.m., March 1, Newmarket High School

The Education Committee of PEO's York Chapter challenges grades 7 and 8 student teams from area public and separate schools to build a portable crevice bridge that can hold the weight of a person over a specific distance. Judging will take into account the accuracy of the design and construction to specs, as well

as the cost of the device. Contact Edgar O. Martinez, P.Eng., at 905-508-3202.

Niagara Falls National Engineering Week Activities

The Niagara Engineering Week Committee (consisting of PEO, OACETT and CEO chapter representatives) invites the engineering community to a NEW luncheon where awards of merit and scholarships are to be presented to students. There will also be a technical forum and classroom presentations for grades 7 and 8 students, made by teams of engineers and technologists. Contact Ed Dujlovic, P.Eng., at 905-356-7521.

Oakville Engineering Career Night

PEO's Oakville Chapter presents a showcase for high school students featuring various presenters talking about the exciting jobs that engineers from the main disciplines participate in. Students can interact with the presenters. Contact Donald Belyea, P.Eng., at 905-339-0059, ext. 364.

Oshawa 2nd Annual Popsicle Stick Bridge- Building Competition

March 3, University of Ontario Institute of Technology

OACETT's Durham Chapter invites grades 6 to 8 students from local school boards to participate in a bridge-building contest. Contact Bob van den Berg, CET, at 905-728-6180.

Ottawa Drop-in K'NEX Construction Workshops

10:00 a.m. to 4:00 p.m. daily Saturday, February 24 to Sunday, March 4, Canada Science and Technology Museum

Engineering and technology volunteers will help children six and over create wonderful structures using K'NEX. Special features include a bridge-building challenge and demonstrations by Engineers Without Borders. Volunteers are needed to make this workshop successful. To sign up, visit www.engineeringweek.ca and click on "Volunteer Opportunities."

Ottawa Engineering Challenge 2007

February 27, Canada Science and Technology Museum

PEO's Ottawa Chapter, together with the National Research Council, invite engineers from across the capital region to collaborate with grades 4 to 6 teachers in challenging teams of students to design and construct a Vehicle for Obstacle Bowling prototype. Contact Jo-anne Moore, P.Eng., at 613-580-2424, ext. 43975.

Engineering Week 2007 at Carleton

The Carleton University Engineering Student Society hosts design competitions for grades 4 and 5 and grades 7 and 8 students, as well as a mall display and Pie Day, a fundraising activity for Engineers Without Borders. Contact Christa Sexauer at 613-520-3616.

University of Ottawa Celebrates Engineering Week

The Engineering Students' Society hosts a whole week of activities to promote engineering to children and youth. Hands-on activities include egg drops, power boats, earthquake-proof structures, tallest towers and balloon-powered cars. Contact Heidi Steinberg at 613-562-5800, ext. 6188.

Pembroke Popsicle Stick Bridge-Building Contest

March 3, West End Mall

PEO's Algonquin Chapter hosts a bridge-building contest for grades 6 to 8 students, whom engineers have visited in the classroom. Prizes will be awarded for the best strength-to-mass ratios. Contact David Wilder, P.Eng., at 613-584-4252.

Peterborough Engineering and Technology Challenge

PEO's and OACETT's Peterborough chapters invite area high school students to participate in a design/build competition. Each team's projects will be tested for meeting the specified criteria and performance relative to other projects. Contact Jim Bailey, P.Eng., at 705-652-1728.

Pickering Mall Display

National Engineering Week, Pickering Town Centre

During Engineering Week, members of PEO's Lake Ontario Chapter and OACETT's Durham Chapter will staff informative, interactive displays. K'NEX will be available for kids to build structures. Contact Derek Van Ee, P.Eng., at 905-415-8080.

Sarnia 3rd Annual Popsicle Stick Bridge- Building Contest Finale

11:00 a.m., March 3

PEO's Lambton Chapter hosts a bridge-building challenge for local grades 5 and 7 students at Lambton Mall. Bridges will be evaluated on deflection versus weight. Contact David Murray, P.Eng., at 519-869-6683.

Scarborough 4th Annual Popsicle Stick Bridge- Building Contest

February 25, Council Chamber, Scarborough Civic Centre

PEO's Scarborough Chapter hosts a bridge-building competition for grades 4 to 8 students from local schools. Bridges, which must weigh less than 300 grams, will be tested to destruction to determine the maximum load-bearing capability. Contact Denis Carlos, P.Eng., at 416-759-7551.

Sudbury Drop-in K'NEX Construction Workshops

10:00 a.m. to 4:00 p.m. on Saturday, February 24; Sunday, February 25; Saturday, March 3; Sunday, March 4, Science North

Engineering and technology volunteers will help children six and over create wonderful structures using K'NEX. Special features include a bridge-building challenge. Volunteers are needed to make this workshop successful. To sign up, visit www.engineeringweek.on.ca and click on "Volunteer Opportunities."

Thunder Bay National Engineering Week 2007 Challenge

Lakehead University's Faculty of Engineering invites grades 7 and 8 students to participate

in team design competitions in chemical, civil, electrical and mechanical engineering. Materials and challenges will be provided onsite. Contact Meilan Liu, PhD, P.Eng., at 807-343-8952.

Toronto

Drop-in K'NEX Construction Workshops

11:00 a.m. to 4:00 p.m. on Saturday, February 24; Sunday, February 25; Saturday, March 3; Sunday, March 4, Ontario Science Centre
Engineering and technology volunteers will help children six and over create wonderful structures using K'NEX. Special features include a bridge-building challenge and demonstrations by Engineers Without Borders. Volunteers are needed to make this workshop successful. To sign up, visit www.engineeringweek.on.ca and click on "Volunteer Opportunities."

2007 Engineering Innovations Forum

March 1, Ontario Science Centre
This year's theme, "Emerging Technologies in the Energy Industry," includes discussion of such topics as homes, transportation, geothermal, tides and waves, deep lake water cooling, atmospheric pollutants and climate change. Contact André Rudnicki, P.Eng., at 416-392-3009.

High School Presentations

Seven Etobicoke High Schools
Members of PEO's Etobicoke Chapter will make presentations at local high schools to discuss what careers in engineering involve and to demonstrate through hands-on activities some of the applications of engineering principles used to solve various problems. Contact Richard Weldon, P.Eng., at 416-964-3246.

3rd Annual Design Challenge

French-speaking grades 5 and 6 students from various local schools will participate in a bridge-building competition. Contact Mervat Rashwan, P.Eng., at 905-763-2745.

Engineering Week 2007 at University of Toronto

The Engineering Student Society reaches out to kids aged 8 and up through a variety of activities geared to introduce them to, and interest them in, engineering. Contact Catharine Darling at 416-519-4217.

- *Engineering Students Visit Schools*
Engineering students introduce elementary and middle school students to engineering and the cool aspects of science and math while discussing various forms of engineering.

- *Designapalooza*
Kids enjoy an introduction to engineering by visiting six different stations designed to explore aerospace, chemical, civil, computer, industrial and mechanical engineering.
- *Skule Days*
High school students attend U of T for a day and experience mini lectures focusing on emerging engineering technologies. After lunch, students participate in a design challenge.

Ryerson Celebrates Engineering Week 2007

The Ryerson Student Engineering Society hosts a variety of Engineering Week activities, including a high school outreach day and the annual 24-hour Volkswagen Bug push to raise funds for the Hospital for Sick Children. Contact Kemi Villasa at 416-340-9400.

Windsor

PEO Chapter Activities

The Windsor-Essex Engineering Week Committee presents a high school design competition, a poster competition, elementary school essay contests, and an awards luncheon where Engineering Week bursaries and Engineer and Technologist of the Year will be presented. Contact Peter Bzuik, P.Eng., at 519-972-2727, ext. 4379.

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