



May 12, 2011

Dear Parents,

I am thrilled to announce the upcoming Science workshops for Grades 1~4 on June 3, 2011. All workshops are designed to be hands on, fun, interactive and based upon the Ontario Science curriculum. Each workshop is taught by University of Carleton Science students at a cost of \$5 per student. Please return the form below confirming your daughter's participation in the workshop.

Grade 1 ~ Geodesic domes

Students will learn about basic architectural principles and the forces that buildings undergo on a daily basis. The students will work in groups using blueprints and geometry to build stable geodesic structures. A fun teamwork activity!

Grade 2 ~ Clean Water

Students will learn about water quality, its global importance, and the steps in municipal water treatment. Students will build their own water filters and participate in the cleanup of a simulated ocean oil spill.

Grade 3 ~ Engineering Workshop

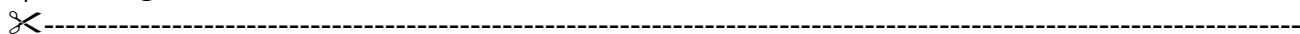
Students will learn about the forces that act on a structure and how civil engineers work to create strong, stable structures. The students will participate in an engineering challenge: they will build a bridge with provided materials and test it to its limit!

Grade 4 ~ Pop bottle rockets

Students will make and launch their own pop bottle rockets while learning about aerodynamics and propulsion. This workshop is designed to teach students basic engineering principles.

Please complete the attached permission form and return it to Mrs. Hay by Friday, May 20, 2011.

Nicola Powadiuk
Grade Four Teacher
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Elmwood Science Day – June 3rd, 2011

Student(s) Name: _____ Grade(s): _____

Science Workshops: \$5 per student

Yes, I give Elmwood School permission to charge my account for this activity.

Parent signature: _____ Date: _____