

2010 Camp Dates

Creative Encounters



| | | | | | | |
|----------------|---|---|---|---|---|---|
| | ● | ● | ● | ● | ● | ● |
| July 5 - 9 | ● | ● | ● | ● | ● | ● |
| July 12 - 16 | ● | ● | ● | ● | ● | ● |
| July 19 - 23 | ● | ● | ● | ● | ● | ● |
| July 26 - 30 | ● | ● | ● | ● | ● | ● |
| August 9 - 13 | ● | ● | ● | ● | ● | ● |
| August 16 - 20 | ● | ● | ● | ● | ● | ● |
| August 23 - 27 | ● | ● | ● | ● | ● | ● |

CES [Gr. 2-3]
 CES [Gr. 4-6]
 CES [Gr. 7-9]
 Icky Discoveries
 Zany Zoology
 P.A.G.E.S.

TechQuest



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TechQuest
 Robotics
 Game Design

Volunteer Opportunities



| | | | | | | |
|----------------|---|---|---|---|---|---|
| | ● | ● | ● | ● | ● | ● |
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Volunteer
 P.A.G.E.S. Volunteer



To register: fill out accompanying registration form. If you don't have a copy of the registration form you can get one on our website (www.creativeencounters.info) or you can call the office and have one mailed to you.

Creative Encounters Sponsors

Creative Encounters relies heavily on the generous support of community, industry and government initiatives. Please contact us if you would like to partner with us in bringing science to life for youth.

Thank you to our 2009 Local Sponsors



College of Biological Sciences
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Actua Provincial Partner



2009 Actua National Funders

GE Canada, Synapse - CIHR Youth Connection,
 Suncor Energy Foundation, NSERC and
 Shell Canada

Actua provides training, resources and support to a national network of local organizations offering science and technology education programs. Actua members reach over 225,000 youth per year. Please visit Actua on the web at www.actua.ca.



[A Day at Camp]

Every year, Creative Encounters has a new curriculum with new projects designed by our dynamic staff. **Last summer**, Wednesdays in the **Creative Encounters Grade 4-6 class** looked like this:

| | |
|------------|-------------------------------|
| 8:30-9:00 | Campers dropped off |
| 9:00-10:30 | Earthquake Challenge |
| 10:30- | Predator vs. Prey game |
| 12:00 | Lunch [Bring your own] |
| 12:00-1:30 | Chia Pets |
| 1:30-2:30 | Anemometers |
| 2:30-4:00 | Clean-up & Take-Home Projects |
| 4:00-4:30 | Campers picked up |

[2009 Feedback]

"This has been a stimulating and excellent, interactive, educational experience. This is the best first day camp experience that my child could have had! Thank you."

- Creative Encounters grade 2-3 camp parent

"I would like to come again next year because I would like to learn everything for grade 5."

- Grade 4-6 Camper

"Both our boys LOVED their first week at camp with you guys and they are looking forward to their second week in August! Thanks to all the great staff that bring not only their scientific knowledge but also their great talent to guide our young ones with so much enthusiasm! Have a great summer to all of you!!!"

- Linda, parent



Creative Encounters
 Rm 1132 Thornbrough Bldg
 School of Engineering
 University of Guelph
 Guelph, ON N1G 2W1

tel: [519] 824.4120 ext. 53045
 fax: [519] 836.0227
 email: cse@uoguelph.ca
 web: www.creativeencounters.info

Summer 2010



Over a Decade of Award-Winning Science, Engineering and Technology Camps for Kids!



[Grades 2-9 | All-Girls & Co-ed | Day & Residential]

Creative Encounters is an entirely student run, not-for-profit organization, affiliated with the School of Engineering at the University of Guelph and a proud member of Actua. The main objective of the program is to provide a fun, safe, non-discriminatory and stimulating environment that inspires young people to explore their fascination with science, engineering and technology in an interactive and hands-on manner. Established in 1993, Creative Encounters has developed a strong reputation for its science and technology summer camps, all-girls initiatives, volunteer and leadership programs, community and classroom workshops and initiatives to reach under-represented audiences. Creative Encounters affects the lives of close to 10 000 children ages 7-16 through summer camp and community programs annually.

Summer Camp Programs



Creative Encounters Science & Engineering

This camp is a stimulating, interactive way to get children excited about science and engineering. Three classes are offered based on grade level: Grades 2-3, Grades 4-6, and Grades 7-9.

Girls and boys entering grades 2-3 and 4-6 will build amazing projects designed and taught by Creative Encounters Instructors that incorporate science and engineering concepts.

Older campers entering grades 7-9 will participate in design challenges and will build advanced projects that incorporate science and engineering concepts.

Campers in both classes will take home a project every day and will receive a tour of an awesome University facility!

Cost: \$180/week

P.A.G.E.S

Promoting Awareness: Girls in Engineering & Science



All-Girls Residential Science and Engineering

Girls entering grades 7-9 can share their interest in Science & engineering while making new friends.

Girls will attend P.A.G.E.S. Monday through Friday and will stay over-night in a University Residence on Wednesday and Thursday nights. 5 days and 2 nights makes P.A.G.E.S. a FULL week of fun!

Participate in cool demonstrations, build amazing projects and go on awesome tours of University facilities.

Cost: \$210/week

TechQuest Computer Science & Technology [Grades 6-9]



Girls and boys with a wide range of abilities are exposed to cutting edge computer applications and programming methods as well as cool electronics projects by highly trained staff.

Girls and boys don't have to be Tech Whizzes, but they do have to be going into grades 6-9 in September.

Each camper works on his/her own computer for most activities.

Girls and boys design a webpage and take home a CD full of their work from the week. They also keep all of the electronic projects that they create.

Cost: \$190/week



TechQuest X-treme Robotics [Grades 6-9]

Take TechQuest to the next level. With this X-treme program campers will spend the week working on robotics using all new Lego Mindstorms NXT!

This camp is all about vision and imagination! Campers bring the ideas and Instructors assist them through any mechanical or electrical obstacles they may run into.

Cost: \$210/week

TechQuest X-treme Game Design [Grades 6-9]



Back by popular demand, this exciting program is offered all seven weeks that we run camp!

Campers spend the week learning the ins and outs of computer game design and take home their final product to play with friends and family!

Cost: \$210/week



Icky Discoveries [Grades 4-6]



An exciting (and gross!) twist to science that all campers will enjoy- the science behind things that make us say "Ick!"

Through interactive, hands-on activities and exciting demonstrations, campers will investigate everything from slippery, slimy goo to why our bodies vomit and how our cuts heal. Ewww!

Cost: \$200/week

Zany Zoology [Grades 7-9]



Back by popular demand, this camp is ideal for the aspiring veterinarian or animal lover! From behaviours and habitats to animal physiology, Zany Zoology will help you discover all you want to know about our four-legged friends and the fascinating Animal Kingdom.

Campers will take a tour of the Ontario Vet College, participate in a dissection and learn all about the animal world.

Cost: \$200/week



Volunteer Program Practical Experience

Secondary school students assist Instructors in implementing camp programs through material preparation, camper supervision and activity instruction.

This is a great way to gain 40 hours toward OSSD volunteer requirements per week!

Volunteer Application Process

Volunteer Application forms are available on our website or you can request to have one mailed to you. To register for the volunteer program fill out a volunteer application form and submit it along with a registration form. (Must be 16 years old as of June 1).

Volunteer Applications are due:

Friday May 7th, 2010

[Amazing Staff]

The Staff at Creative Encounters is a dynamic group of Undergraduate Science and Engineering Students at the University of Guelph. Using knowledge gained through their studies, Staff Members collaborate to create and implement a fun-filled curriculum that will inspire campers of all levels!

[Additional Notes]

- Every Camper goes swimming once a week
- Bring your own lunch each day
- Parents are invited to an open house at the end of each week
- A \$5 discount applies to additional weeks for the same camper and/or subsequent campers from the same family

[YES/KNOW Mag]

YES Mag and KNOW Mag: Canada's Science Magazines For Kids! Both are designed to make science, engineering, technology and math exciting and fun. Each issue includes cool science facts, do-at-home projects, new technology and more! YES Mag is recommended for children aged 9-14 and KNOW Mag for children aged 6-9. Receive \$6 off a year-long subscription that includes 6 awesome issues! (reg. \$24) Details on registration form.

[Registration Days]

**ONLINE Registration or
April 25: 9am-1pm**

In order to provide immediate confirmation to those registering Campers for the summer of 2010, we are in our second summer of **ONLINE Registration**. Online applications will be processed as they are received. Individuals are still invited to come to the Creative Encounters office during the designated time to register in person. **Our website will be updated as soon as it's ready, so keep your eyes peeled! Registrations will still be accepted by mail but will not be processed until after April 25th.**