

2011 Camp Dates

Creative Encounters



	•	•	•	•	•	•
July 4 - 8	•	•	•	•	•	•
July 11 - 15	•	•	•	•	•	•
July 18 - 22	•	•	•	•	•	•
July 25 - 29	•	•	•	•	•	•
August 8 - 12	•	•	•	•	•	•
August 15 - 19	•	•	•	•	•	•
August 22 - 26	•	•	•	•	•	•

CES [Gr. 2-3]
 CES [Gr. 4-6]
 CES [Gr. 7-9]
 Survivor
 Future Physicians
 P.A.G.E.S.

TechQuest



	•	•	•	•
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July 11 - 15	•	•	•	•
July 18 - 22	•	•	•	•
July 25 - 29	•	•	•	•
August 8 - 12	•	•	•	•
August 15 - 19	•	•	•	•
August 22 - 26	•	•	•	•

TechQuest
 Robotics
 Game Design

Volunteer Opportunities



	•	•
July 4 - 8	•	•
July 11 - 15	•	•
July 18 - 22	•	•
July 25 - 29	•	•
August 8 - 12	•	•
August 15 - 19	•	•
August 22 - 26	•	•

Volunteer
 P.A.G.E.S. Volunteer



Creative Encounters Sponsors

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 Synapse - CIHR Youth Connection

Actua provides training, resources and support to a national network of local organizations offering science and technology education programs. Actua members reach over 200,000 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	Catapults
10:30-	Who Dunit Game
12:00	Lunch [Bring your own]
12:00-1:30	Make Your Own Pop
1:30-2:30	Robo Dog
2:30-4:00	Clean-up & Take-Home Projects
4:00-4:30	Campers picked up

[2010 Feedback]

"I like how my son talks about, 'when he goes to University...' I love the program, love that it inspires kids to *think*"

- parent of Game Design camper

"One thing I liked about this camp was the **awesome** experiments that we did. Some things I learned from the experiments were Ph. D's, hydraulics and pneumatics, and engineering. One thing I did not like was the end of camp."

- CES camper

"The program is engaging with a focus on science. The children are eager to go each day and come home each night enthused about the "dailies" and the days' activities."

- parent of Icky Discoveries camper



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Summer 2011



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 get to explore the University of Guelph's beautiful campus!

Cost: \$185/week

P.A.G.E.S.

Promoting Awareness: Girls in
Engineering & Science



All-Girls Residential Science and Engineering

We want to change the statistics - let's get more girls interested in science and technology while making awesome 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 while supervised by 2 female instructors. Only offered twice per summer, make sure you don't miss the date!

Participate in cool demonstrations, build amazing projects and get to see what it's like to live on campus at our University!

Cost: \$215/week

TechQuest Computer Science & Technology



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.

Redesigned this year, our TechQuest program is brand new! We will explore different aspects of technology that we're exposed to everyday while building some awesome projects to help us understand modern technology.

Cost: \$195/week



TechQuest X-treme Robotics

[Grades 6-9]

Using our Lego Mindstorms NXT kits, camper learn how to build model robots then make their own additions and changes using their imagination and what they've learned.

Make your robot wrestle, kick a ball, go on a rescue mission, or dance! Maybe add claws, bumpers, and different sensors... what will your robot do?

Cost: \$215/week

TechQuest X-treme Game Design

[Grades 6-9]

Does your camper live for video games? Design and learn about computer games in this camp program using trial and error learning and problem solving. Does your game have what it takes to earn our Golden Keyboard Award? One way to find out...

PLAY AGAIN? [Y] [N]

Cost: \$215/week



Survivor

[Grades 4-6]



Can you survive catastrophic conditions and natural disasters? Find out if you have what it takes to learn about our changing environment, the effects of pollution, and natural disasters! Use your knowledge to earn points for your tribe/fellow campers throughout the week in challenges and competitions!

Outwit, outlast, and outplay in this adventure-themed camp program!

Cost: \$205/week

Future Physicians

[Grades 7-9]



Learn about diseases, medicine, and the human body in this camp - it's fun, interactive, and way cheaper than medical school! How do cuts heal, why do we get sick, and how does medicine work? An apple a day can't keep CES away (from learning, anyways!)

Inspired by a real University of Guelph course, this new specialty camp is sure to be a memorable one!

Cost: \$205/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 6th, 2011

[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 video wrap-up at the end of each week
- Pizza Day is on Wednesday! Sign up Monday or Tuesday morning of camp week (or print out the form online!)

[Receipts & Forms]

If you would like a receipt for your week at camp, please let us know! To save paper, we only print receipts for parents who request them - receipts can be requested throughout the year, so don't worry if you forget during the summer!

After registration, you will be required to fill out permission forms for your child found at:

www.creativeencounters.info/Forms.html

[How to Register]

ONLINE Registration

In order to provide immediate confirmation to those registering Campers for the summer of 2011, we are in our third 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 from March until the second last week of August to register in person. Please note that registrations made over the weekend before your camp of choice starts may be held up Monday morning of that camp week, so try to register before the weekend! What are you waiting for? Register now! :)