

Sixth, Seventh and Eighth Grades  
(Choose one only)

## Crime Detectives



Campers will work on solving a series of puzzling crimes. Campers first explore the similarity and variations of fingerprints and apply classification skills to solve crime number one.

A ransom note then sends our detectives to the crime lab. Campers use the chemical technique of paper chromatography to determine which of several pens was used to write the note. In our third crime, campers take a more advanced look at crime fighting, solving an even more difficult crime.

*This camp is limited to 20 campers.*

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## Unlocking the Fun of Computers –

### Cyber Camp



Come join us for a fun session filled with creative and interesting projects specially designed for our older campers. Create cool digital graphics and design your own CD inserts, t-shirt transfers, sports cards, and a lot more. Learn to use a digital camera and scanner to produce original graphics. Using Adobe PhotoDeluxe and Windows Movie Maker, learn photo editing and video production techniques. Campers will dissect a computer to see what really makes them work. Samples will be posted on the school website.

*This camp is limited to 15 campers.*

## About the Camp

Great Explorations day camp uses programs from the “Great Explorations in Math and Science” (G.E.M.S.) program developed at the University of California, Berkeley. Its goal is to present math and science concepts using a fun, hands-on approach while integrating other subject areas such as language arts, music, and art. There are no grades, no tests, and no typical classrooms. All of the programs have been tested and approved by hundreds of teachers nationwide.

## Cost and Other Information

Registration for Great Explorations is on a first come, first served basis. Camp sizes are limited, so please register early, and no later than June 25. Cancellations received after June 25, 2010 are not refundable.

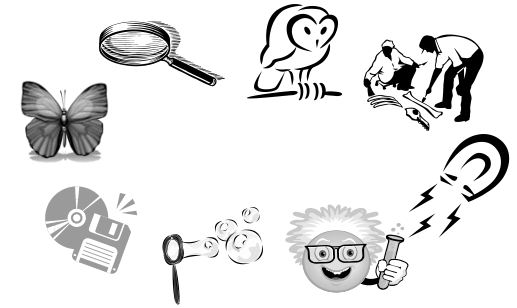
The \$45.00 camp fee covers the cost of all materials and teacher payments. Please use a separate registration form for each camper. If you wish to pay for several campers on one check, please attach all the registration forms to your check. Mail or deliver registration forms to the St. Teresa School Office (1194 Rulison Ave., Cincinnati, OH 45238.)

We will acknowledge each registration. For additional information, please contact:

Linda Collins

451-0593

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## St. Teresa of Avila Church Education Commission

Presents

# 2011

## Great Explorations Summer Science Camp

*An educational day camp just for kids*

July 11-15, 2011  
9:00 A.M. to 11:30 A.M.

Kindergarten

## Tree Homes



Campers learn an appreciation for trees and animals that live in tree homes. Tree Homes is designed to stimulate the biological need for warmth and shelter. In six main activities, the children become familiar with a living tree and then build a child size tree from cardboard boxes, paper and cardboard tubes. The campers will role-play dramas about a mother bear and her cubs, raccoons, a family of owls and their various tree homes. Campers will make paper models of a raccoon and owls.

*This camp is limited to 15 campers.*

First Grade

## Bees and Butterflies



In a series of art and drama activities, campers discover the complex social behavior, communication, and hive environment of the honeybee. Campers make paper bees, a beehive, flowers with pollen, and bee predators. They also role-play bees in a beehive drama and perform bee dances to communicate the location of food sources. Paper butterflies and bird puppets help the campers learn about protective coloration. The camp creates a mural of a blossoming meadow and enacts the drama of “the Butterfly Play.”

(Note: No live bees are used.)

*This camp is limited to 15 campers.*

# Program Descriptions

**Use grade level entering in Fall, 2011.**

Second and Third Grades  
(Choose one only)

## Fun with Physics



Ever wonder why things really work? Our young physicists will explore the amazing world of the physical science through lots of hands on activities.

Each day our campers will look at a different type of physical science including: Liquids and Solids, Magnetism, Motion, Electricity, and Light, Color, and Sounds.

*This camp is limited to 20 campers.*

## Investigating Artifacts



Campers will become hands on anthropologists, archaeologists, and geologists as they look at collecting evidence and the “artifacts” of Native America. Activities include making art projects from materials found in nature, creating their own stories to explain natural phenomena and exploring nature’s middens. The week ends with their own archaeological dinosaur dig at ancient St. Teresa.

*This camp is limited to 20 campers.*

Fourth and Fifth Grades  
(Choose one only)

## Secret Formulas



Campers will take a close-up look at the properties of substances as they make their own personal brand of paste, toothpaste, cola, “Jell-O”, ice cream and other items. Our young scientists will also investigate and analyze a strange green substance, Oobleck, said to come from another planet. This action-packed camp conveys many key math and science concepts and skills.

*This camp is limited to 20 campers.*

## BUBBLE-LOGY and BUILD IT



Our young scientists will have fun with bubbles while learning about surface tension, chemical composition, air currents, geometric patterns and more. By observation, measuring and analyzing, these young bubble-ologists will discover math and science. Then, in “Build-It” campers will become architects as they create two and three-dimensional structures and explore geometry through a “hands on” approach.

*This camp is limited to 15 campers.*