

CYO Camp Christopher Presents:



CAMP IN THE CLASSROOM

A new program designed specifically for grades K - 4 whereby CYO Camp Christopher Environmental Education Instructors come to your school and facilitate hands-on, experiential learning for your students.

Classes are 45-60 minutes in length and can be customized to fit your needs.

For just \$125, we will come and teach one classroom of students. Additional classes can be added for just \$10. (Ex. - if you have 3 Kindergarten classes, your total would be \$145). Additional charges apply if your school is more than 30 miles from Camp Christopher.

Program includes components of the following Classes*:

- > **Habitat Happenings**
- > **Which Way do we Go?**
- > **Challenge Course**
- > **Going Underground**
- > **Sensational Discoveries**
- > **Tremendous Trees**
- > **and More!**

*A summary of all Environmental Education Classes (traditionally done at Camp Christopher) can be found on the backside of this flyer. Teachers are encouraged to specify their goals for the class.

Call 1-800-CYO-Camp x229 or email jlitten@clevelandcatholiccharities.org for more details, to schedule a date or for other information.

CYO Camp Christopher Environmental Education Curriculum Summary

Challenge Course

A single or double period class in which students are presented a series of challenges, with and with out equipment, which require group cooperation and problem solving to complete. Activities used are at the discretion of the camp staff.

Cemetery Study

- > The cemetery is a ¼ mile walk from camp.
- > Students will use discovery to learn more about the history of the area
- > Students will have the opportunity to take grave rubbings for aesthetic appreciation.

Down by the Old Camp Stream

- > Students will measure the velocity, depth and width to determine the number of people the stream can support for one day.
- > Students will measure a 15 ft distance and the time it takes for an object to float downstream within the distance. This determines velocity.
- > Students will measure the average width of the stream within the 15 ft distance.
- > Students will measure the average depth of the stream within the 15 ft distance.
- > Using the above measurements, students will determine the number of cubic feet of water flowing per second.
- > Upon the completion of further calculations, students will be able to determine how many people could live off the stream in one day.

Going Underground

- > Students will be made aware of caves, how they are formed, and the special ecosystem that exist within them.
- > Students will discuss how limestone caves are formed through weak acid.
- > Students will explore a glacially formed cave and talk about the inhabitants of caves.
- > Students will visit a natural bridge to become aware of the forces of nature.
- > Students will become aware of the 3 rock types, igneous, metamorphic, and sedimentary, through hands on experience and discussion.

Habitat Happenings

- > Students will study ecosystems and what effect nature and man has on them.
- > Students will act out lifecycles of animals and what effect natural resources have on these cycles.
- > Students will recognize and associate what effect man has made within ecosystems and how animals have adapted.
- > Students will observe some effects of adaptations though role playing.

Measuring Heights

- > Using different methods, students will be able to calculate the height of an object.
- > Students will learn how to calculate the length of their pace.
- > Students will use various tools: sun shadows, yardsticks, body heights, and paces to help them estimate the height of objects.

Sensational Discoveries

- > Activities that encourage the students to use all five of their senses to experience and observe the outdoors.
- > Students will participate in activities that take away their sense of sight to help heighten the use of other senses.
- > Students will have the opportunity to smell and taste a variety of flavors and guess what the item may be.
- > Students will become aware of the largest organ on their body through tactile stimulation.
- > Students, using their ears, will find out what really is around them.

Treemendous Trees

- > Students will become more aware of the value and the life of trees.
- > Students will actively demonstrate the internal functions of a tree including photosynthesis.
- > With a partner, students help each other to investigate and explore the differences and similarities of trees. One student is blindfolded.
- > Students will listen to and discuss the messages found in Dr. Seuss's "The Lorax".

Through the Looking Glass

- > These activities encourage students to take a closer look at the ground and the ecosystems that are easily overlooked.
- > Students using discovery will find out what life exist under rocks, logs and under the rotting vegetation of the earth.
- > Students will observe and identify any animals that have been found and become aware of the important role they play.
- > Using their imagination, students create a place for the creatures they discovered to recreate.

Water, Water Everywhere

- > Students will observe and study the ecosystems of a pond or stream.
- > Students will take a closer look at the pond/stream life by taking samples of the animals within the pond/stream.
- > Using the collection of animals, students will perform a biotic index to find out how healthy the pond or stream is.

Which Way Do We Go

Students will learn the parts of a compass and how to use it properly. Then students can follow a simple orienteering course.