



Summer STEM Camps at Cincinnati Christian Schools

- Monday, June 26 – Friday, June 30, 2017
- Camps From 9:00 am – 12:00 pm (camp details on next page)
 - **Nature Care Camp**
 - **Chess Camp**
 - **Circuit Scribe – Circuit Building**
 - **Introduction to Raspberry Pi**
- Camps From 12:30 pm – 3:30 pm (camp details on next page)
 - **Lego® WeDo Robotics Camp**
 - **Introduction to Graphic Design**
 - **Environmental Stewardship: God's Way***
- Camp is open to CCS students and their friends.
- All Camps will be held at the Cincinnati Christian Schools Junior/Senior High Campus located at 7474 Morris Road, Fairfield, OH 45011.
- The camp fee is \$90. A \$5 discount per camp will be applied for families registering more than one student OR for students registering for more than one camp. *Fee for this camp is only \$45.
- Camps will include a snack daily. Students attending both morning and afternoon camps can bring a lunch and stay for the day.
- Students will be using MacBook Airs during the week of camp.
- Questions? Contact Gina Smearsoll at gina.smearsoll@cincinnatichristian.org

STEM Camps from 9:00 am – 12:00 pm

Nature Care Camp

Open to students entering 2-5.

Want to learn more about nature through the eyes of the Lord while having fun? Students will experience a curriculum created by A Rocha, an international family of Christian conservation organizations committed to caring for all of God's creation. This camp will enable students to make connections between nature and the biblical teachings from home and church.

Each day, students will have hands-on experiences exploring such topics as the traits of birds, mammals, plants, and insects, as well as properties of earth and water. Students will play team games, create projects to take home, and see the wonder of God's creation. Two or more Bible verses are the focus each day to support the topics of zoology, botany, entomology, geology, and hydrology.

Chess Camp

Open to students entering grades 2-7.

Students will experience chess instruction and play in a fun and encouraging environment. Absolute beginners will learn how to play the game of chess while intermediate players will focus on more opening, middle, and end game strategy. A tournament will be held on Friday.

Circuit Scribe - Circuit Building

Open to students entering grades 6-8.

Students will be learning about parallel and series circuits. Physical science topics include the parts of a circuit, parallel circuits, series circuits, electricity, conductivity, transistors, resistors and electronics.

Students will create their own circuits with kits to model the flow of electricity. Beginners will build circuits with one resistor, one load and one switch. More advanced students will build more complex circuits with more loads, resistors and diagrams.

Introduction to Raspberry Pi

Open to any students entering grades 7-9.

Students will learn the basics of working with a Raspberry Pi. During this camp students will learn about Linux and do some basic programming using Python. Students will have the opportunity to use various models of the Raspberry Pi and learn some basics of soldering. The goal of this camp is to prepare students enough that they will be able to start doing projects with a Raspberry Pi or similar development boards on their own.

STEM Camps from 12:30 pm – 3:30 pm

Lego® WeDo Robotics Camp

Open to students entering grades 3-5.

Students will build and program a variety of Lego® WeDo robots to explore physical science topics including gears, pulleys, levers, motions, and energy. Beginners will create and program a spinner and top, a drumming monkey, a soccer goalkeeper and more. New models are now available for experienced builders, including a crane, a Ferris wheel, a house and a car.

Introduction to Graphic Design

Open to students entering grades 7-9.

Students will learn the basics of Adobe Illustrator and Adobe Photoshop, including how to use some of the tools and understand the workflow and interface of the programs to jumpstart their interest or potential career in the field of graphic design! This will include small activities and assignments for each topic studied.

Environmental Stewardship: God's Way

Open to students entering grades 7-12.

Have you ever wondered what God would say about the environmental issues facing our world today? Or how to respond to environmentalists and their movements? Students will experience an in-depth study of what the Bible says on these topics. The camp will be run more like a Bible study with teachings, discussions, videos and more.

By the end of the camp, students will define for themselves, according to God's word, what actions bring Him glory when considering environmental stewardship. And, students will create action steps as an individual and/or as a group that will strengthen the definitions and put into action what they have learned. It's going to be an exciting journey with lots of surprise learning.



Summer STEM Camps at Cincinnati Christian Schools Registration Form

Student's Name _____

School _____

Grade in Fall 2017 _____

Parent's Name(s) _____

Email Address _____

Cell Phone # _____

Please check your camp choice:

9:00 – 12:00 pm

- ☐ Nature Care Camp (grades 2-5)
- ☐ Chess Camp (grades 2-7)
- ☐ Circuit Scribe – Circuit Building (grades 6-8)
- ☐ Introduction to Raspberry Pi (grades 7-9)

12:30 pm – 3:30 pm

- ☐ Lego® WeDo Robotics Camp (grades 3-5)
- ☐ Introduction to Graphic Design (grades 7-9)
- ☐ Environmental Stewardship: God's Way (grades 7-12) *\$45 fee

Please remit payment of \$90 per camp. If more than one student in your family is enrolled, the fee is \$85 per student. If a student registers for more than one camp, the fee is \$85 per camp. Payment can be made in cash or check payable to "Cincinnati Christian Schools."