We want girls to recognize that STEM (science, technology, engineering, and math) topics and careers are pretty cool and offer great opportunities for their future careers! There are so many careers girls can pursue in science, technology, engineering, and math! From automotive and chemistry to robotics and welding, these camps will offer hands-on experiences and info about a broad range of career categories to help girls explore the exciting, and lucrative, possibilities!

Adventures in Biotechnology
June 10th – June 14th
Grades: 6th – rising 9th graders
Have you ever wondered what it would be like to work in a biotechnology laboratory? Spend a week investigating the tools, techniques and science behind modern biotech careers in this advanced camp that builds on our basic camp skills. You’ll perform student-driven experiments and maintain a lab notebook of your discoveries.

GENIUS – Girls Engage Naturally in Unusual Science
June 17th – June 21st
Grades: 6th – rising 9th graders
Students will imagine, collaborate, explore and create, all while learning super cool STEM skills that will help them in school and in life. Students will get a taste of different types of STEM through different projects each day. We will be doing Biology—extracting your own DNA, Chemistry—making your own lip balm, Engineering—3D printing and Robotics along with other fun activities.

Coding Adventures
July 8th – July 12th
Grades: 6th – rising 9th graders
Curious about coding? This camp is available for middle school students who want to learn more about coding and the women who code. No coding experience necessary to participate. Students will be exploring how coding is in art, music, animated stories, games, and mobile apps. They will learn by doing as they participate in engaging, hands-on activities with coding in these areas. The
Students will learn more about the history of women in technology and how these women have impacted the field of computer science. Students will be introduced to female role models to assist in sparking the interest of girls to pursue computer science as a career.

**Sparks Fly**  
July 15th – July 19th  
Grades: 9th – rising 12th graders  
This exciting, hands-on camp is for high school girls interested in exploring the art of metalwork through welding. You will work with CCC&TI instructors in a fully functioning welding lab as you learn different welding processes and design techniques to create beautiful pieces. Students may take home all completed projects for years of enjoyment.

**Wonders of Chemistry**  
July 22nd – July 26th  
Grades: rising 9th – 11th graders  
“Chem Camp” features demonstrations and hands-on experiments designed to teach introductory chemical concepts using fun and entertaining methods. “Chem Camp” tackles fun and exciting topics—like acids and bases, interactions of sub-atomic particles, reactivity of metals—in a fun and intellectually challenging way. This isn’t your regular science class—students should be ready to move, shake, drop, throw, challenge, and grow through these “Chem Camp” activities!

**Girls Garage**  
July 29th – August 2nd  
Grades: rising 8th – 12th graders  
During this course, students gain an understanding of how a car works. Using CCC&TI’s state-of-the-art automotive facilities, students learn the safe and proper use of equipment and maintenance techniques, including how to change a tire, basic maintenance and how to check and change automotive fluids. Students will also gain a knowledge of why the car runs the way that it does, by looking at the different areas of science that work together. By the end of this 5-day program students will walk away with a basic understanding of the eight areas of the automobile.

**Gaming Leaders**  
August 5th – August 9th  
Grades: 6th – rising 10th graders  
Like to play video games? Want to play video games and learn how to work in a team? Working in teams is not only important for the classroom but also your future workplace. During this camp, students will develop leadership and team building skills through a variety of popular video games such as Minecraft. Any skill level will be accepted.

Early drop-off time will be available from 7:30 - 8:00 am each day. Late pick-up times will be from 12:00 - 12:30 pm. Registration fee: $95 per camp, which includes supplies for the camps.

**Emergency Contact Information**  
It is of utmost importance that CCC&TI have telephone numbers where parents or other responsible persons can be reached in case of emergency. Parents will be required to provide contact information for each child that is registered.

Call 828-726-2242 for more information.