Start with STEM!

*Get summer started with exciting **SCIENCE, TECHNOLOGY, ENGINEERING** and **MATH** camps and clubs sponsored by or affiliated with Dixie State University*

- Mechanical Engineering Camp
- eSmart
- SEEDS
- Outdoor Leadership Academy
- Gene Girls
- Geology/Chemistry Camp
- Design School
- Code School
- Girls Go Digital
- CodeChangers
- Kids Programming Club
- Lego Leagues
- Dixie PREP

Check out a few of our exciting STEM camps:

MECHANICAL ENGINEERING CAMP (GRADES 9–12)

An exciting, hands-on introductory experience in mechanical engineering. Students will be introduced to a wide range of disciplines, such as mechanism design, thermal science, and electronics & circuits. They will learn the engineering design process and use rapid prototyping tools to complete a design project.

GENE GIRLS (GRADES 9–10)

Helping local girls discover the excitement of cutting edge science including isolating and identifying genes and editing gene DNA sequences using techniques like CRISPR. All activities are developed and run by DSU biology and chemistry faculty with the assistance of DSU college students.

DESIGN SCHOOL (GRADE 11–ADULT)

An intensive nine-week design course to learn fundamental concepts of user experience design, including designing user flows, prototyping, wireframing, creating mockups, and user testing, all applied to real-world projects in a concentrated, quick-paced format.

CODE SCHOOL (GRADE 12–ADULT)

An intensive nine-week course to jumpstart a web programming career. Interaction with the local industry is facilitated by Code School, and many participants are placed in internships and jobs within the software and web industries upon completing the course. Learn modern web technologies, javascript databases, web frameworks, client-side and server-side web application development.

GEOLOGY/CHEMISTRY CAMP (GRADES 9–12)

P.O.P. Rocks is a hands-on, interactive camp designed to get college-bound students in the lab and in the field to explore the physical and organic properties of the rocks and water in our beautiful local environment. Explore local geological sites and local rivers to gather samples which will be tested and analyzed using DSU laboratory equipment!

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