STEM & Entrepreneurship 2021 Summer Camp Schedule

**AiMS**
Adventures in Modeling & Simulation Camp. Participants will be exposed to open ended problems such as predicting trends of population and diseases, sports analytics, optimal marketing strategies, and much more! 9am - 1pm
Grades 9–12 $50

**Chess Camp**
Design and 3D print a customized chess set, then DSU Chess Club students will teach you strategy to improve (or learn) your chess game. Compete in a chess tournament on the last day of camp. 9am - 1pm
Grades 5–12 $100

**Code School**
An intensive nine-week course to jump-start a web programming career. Interaction with the local industry is facilitated by Code School. Learn modern web technologies: JavaScript, databases, web frameworks, client-side and server-side web app development. Mon–Fri, 9 am–1 pm. To apply, visit cit.dixie.edu.
Grades 11–Adult Free w/ Admission

**Crypto Camp**
Learn about the exciting world of mathematical cryptography and information security. Participants will make and break ciphers and codes and learn about exciting advances in quantum computing.
9am - 1pm
Grades 9–11 $50

**CSI Dixie**
In this interactive camp, high school students explore the tools and practices of forensic scientists. Participants will go on a scavenger hunt to solve a mystery and will test and analyze their samples in DSU labs.
9am - 3:30pm
Grades 8–11 $150

**D.E.A.P Camp**
Bring your instrument or come as you are and learn how to compose and perform electro-acoustic music. Under the guidance of DSU faculty members, participants will learn to use and create virtual instruments using Pure Data and Ableton Live, culminating in an informal group performance.
9am - 1pm
Grades 9–12 $50

**eSMART**
eSMART (exploring Science, Math and Related Technologies) is a summer camp for girls entering the 8th or 9th grade. It was started by the St. George, Utah chapter of the American Association of University Women. Participants learn from DSU professors and local experts on topics ranging from electronics to biotechnology.
Girls Grades 8-9 TBA

**Kids Launch Series**
Kids Launch St George creates entrepreneurial opportunities for kids, and helps them make their businesses the best they can be, all while having a great time together!
Grades 3-5 & 6-9 $80 & $75

**Machine Learning**
Explore the world of machine learning with this hands-on experience. Participants will implement several applied machine learning techniques to build programs such as facial recognition, and more. If you are interested in engineering, this camp is for you.
9am - 1pm
Grades 8–12 $150

**STEM Girls Camp**
STEM Girls is chance for girls to explore exciting topics from Science, Technology, Engineering, and Math. Taught by female STEM students at Dixie State with a strong emphasis on female-led innovations in STEM.
8 am - 12 pm
Girls Grades K-8 $150

**Wearable Technologies**
Whether it’s for art or healthcare, wearable technologies are a hot trend. Learn to code with arduino technology and create an exciting wearable piece to impress your friends.
9am - 1pm
Grades 6–9 $150

**Maker Workshops**
Register for one or more of our maker workshops and learn the skills to design, code, and make your own creations. Register today at https://stem.dixie.edu/community-events/

Register Today!
stem.dixie.edu/summer-camps/

Questions?
stem@dixie.edu

Scholarship Opportunities
stem@dixie.edu