

CAMP INNOVATION SUMMER STEM CAMPS

6/26-6/30	Math Madness	<p><i>Stretch your imagination and sharpen your deductive reasoning skills as we have fun solving logic puzzles, problems and other challenges. Campers will also enjoy a variety of science experiments that put their math skills to the test. Come prepared to be challenged every day!</i></p> <p>Grades 3/4 & 5/6</p>
7/10-7/14	Film Making	<p><i>Lights! Camera! Action! How do they make those YouTube videos you see on the internet every day? Learn through the creative process as you write, direct, act and edit in your own short film using DaVinci Resolve to add effects, text and more! Campers will present their films on the last day.</i></p> <p>Ages 8-14</p>
7/17-7/21	Flight Engineering (Drones & Rockets)	<p><i>Explore flight engineering as you build a small rocket and watch it fly! Campers will also learn the fundamentals of drones and put their piloting skills to the test in a challenging drone obstacle course that they'll help to design. Do you have what it takes?</i></p> <p>Ages 8-14</p>
7/24-7/28	STEM Fusion	<p><i>Get ready to roll up your sleeves and participate in a variety of amazing science experiments and challenging engineering projects. This is STEM exploration at its best!</i></p> <p>Ages 8-14</p>
7/31-8/4	Robotics & Engineering	<p><i>No matter your experience, this week will challenge you to problem solve, create, and communicate as an engineer. Campers will design, build, and program robots with Lego Mindstorms EV3. You'll team up with fellow campers and adapt your robot design to navigate obstacles and complete dozens of increasingly difficult tasks. Then campers will modify their robots to compete in a BattleBot tournament like no other!</i></p> <p>Ages 8-14</p>

<p>8/7-8/11</p>	<p>Scratch Coding & 3D Printing</p>	<p><i>Stretch the imagination of a budding game designer with visual programming. Campers will have fun creating stories, animation and memorable game projects which can be shared with family and friends.</i></p> <p><i>Ever wonder “How’s that made?” From start to finish campers will design items of their choice using Fusion 360 and watch them come to life on our 3D Printer.</i></p> <p><i>Two camps in one!</i></p> <p>Ages 8-14</p>
<p>8/14-8/18</p>	<p>Explorations in Electronics</p>	<p><i>Get ready for a week-long journey of creativity and innovation as we explore the world of electronics and engineering. Campers will learn how to use basic electronics to design and build amazing projects. Discover the secrets of circuits, sensors, motors, and more!</i></p> <p>Ages 8-14</p>
<p>8/21-8/25</p>	<p>Chess Openings</p>	<p><i>Chess offers a great balance for kids to learn and have fun at the same time. Chess camp will combine improving theoretical knowledge, solving puzzles as well as participating in tournaments. It will develop skills in players of all levels, however, children must already know how to play . Campers will be grouped by skill level.</i></p> <p>Advanced Beginners to Elite Players</p>
<p>8/28-9/1</p>	<p>Chess Strategy</p>	<p><i>Chess offers a great balance for kids to learn and have fun at the same time. Chess camp will combine improving theoretical knowledge, solving puzzles as well as participating in tournaments. This camp will focus on fast-track chess strategy and decision making.</i></p> <p>Advanced Beginners to Elite Players</p>