STEM Camp Summer 2021

https://www.coloradomesa.edu/montrose/camps.html

June 6-9	June 13-16	June 20-23
Engineer the Wizarding World World! **Instructor: Nixon** **Grades: 5,6,7,8** **Time: 1-4** **Location: CTMS Science Lab** Campers will reimagine STEM in the wizarding world. 3D print a wand of your own design, build the best flying broom, design a device to care for a dragon egg and craft potions with chemistry. Wizard and witches from all houses are welcome! (Limit 20 $100 5th, 6th grade)	**Engineer the Wizarding World World!** **Instructor: Nixon** **Grades: 5,6,7,8** **Time: 1-4** **Location: CTMS Science Lab** Campers will reimagine STEM in the wizarding world. 3D print a wand of your own design, build the best flying broom, design a device to care for a dragon egg and craft potions with chemistry. Wizard and witches from all houses are welcome! (Limit 20 $100 5th, 6th grade)	**Creative Cloaks and Capes** **Instructor: Carbutt, Nina** **Grades: 6, 7,8** **Location: CTMS Home Ec Room** **Time: 1-4** What do superheroes, Jedi, and wizards all have in common? They all rock a great cape or cloak! Campers will use a pattern to tailor and sew a cape or cloak all the Comic Con cosplayers will admire. Add embellishments for that special, personalized touch! (Limit 20- Half Day $100)
Introduction Vex Robotics **Instructor: Thomspon** **Grades: 6, 7, 8** **Location: CTMS Robotics Room** **Time: 1-4** Campers will use the Vex IQ robotics platform to plan, build, and customize robots to perform problem-solving exercises and competitive challenges. No robotics experience is necessary, and kits are provided for use during the camp. $50 equipment damage fee will be charged if materials are destroyed. (Limit 20 Incoming 6th-9th grade $50 equipment deposit required Half Day-$100)	**Advanced Vex Robotics** **Instructor: Thompson** **Grades 6-9 (6th graders need prior experience with Vex)** **Location: CTMS Robotics Room** **Time: 1-4** Campers will use the Vex IQ robotics platform to plan, build, and customize robots to perform problem-solving exercises and competitive challenges. Prior robotics experience is recommended, and kits are provided for use during the camp. Advanced campers can use Modkit and RobotC programming languages to help robots work autonomously using sensors and commands. (Limit 20 5th-9th grade Half Day-$100)	**Advanced Vex Robotics** **Instructor: Thompson** **Grades 6-9 (6th graders need prior experience with Vex)** **Location: CTMS Robotics Room** **Time: 1-4** Campers will use the Vex IQ robotics platform to plan, build, and customize robots to perform problem-solving exercises and competitive challenges. Prior robotics experience is recommended, and kits are provided for use during the camp. Advanced campers can use Modkit and RobotC programming languages to help robots work autonomously using sensors and commands. (Limit 20 5th-9th grade Half Day-$100)
Mini Movie Makers **Instructor: Jenkins, Katie** **Grades: 6,7,8** **Time: 1-4** **Location: CMU Montrose** Calling all animators! Join us for a Stop-Motion Animation camp this summer! Learn to story board, use stop-motion software, and create your own short stop-motion film! (Limit 20- Half Day $100)		**Mini Movie Makers** **Instructor: Jenkins, Katie** **Grades: 6,7,8** **Time: 1-4** **Location: CMU Montrose** Calling all animators! Join us for a Stop-Motion Animation camp this summer! Learn to story board, use stop-motion software, and create your own short stop-motion film! (Limit 20- Half Day $100)