

## Summer of STEM in Arizona

### **Lowell Observatory Camp for Kids: Observatory Camp for Kids**

*Campers will learn about the objects in our Solar System through fun, hands-on science experiments. Campers will also get to create a moving model of the Solar System, hike, draw, play games, and more.*

- Flagstaff, AZ – 6/17-6/21

### **National Inventors Hall of Fame: Camp Invention**

*This is a nonprofit summer enrichment program, inspired by National Inventors Hall of Fame® (NIHF) Inductees — our world-changing inventors. Camp Invention® is a nationally acclaimed summer program where STEM concepts come to life. Led by local teachers, this program has tapped into kids' natural curiosity since 1990, giving them the opportunity to become innovators through teamwork and immersive, hands-on creative problem-solving. With the 2019, “Supercharged” program, campers will take on four exciting challenges, including Innovation Force, Deep Sea Mystery, Farm Tech, and the DIY orbit. Campers will be able to meet innovation superheroes and bring home newfound confidence.*

- Flagstaff, AZ – 6/10-6/14

### **Flagstaff Chamber Coding Camp**

*In partnership with the Chamber, this camp provides opportunities for children to learning basic coding. This 4 week long camp includes, Intro to Coding, Coding with Scratch and micro:bits, Robotics, Space Exploration, 3D Printing and Drones and Intro to Web Development.*

- Flagstaff, AZ – 7/8

### **FIRST LEGO Camp**

*Kingman FIRST Robotics Team 60 is excited to offer a FIRST FLL Jr. Summer camp. The campers will research a topic, design and build a Lego board based on the theme, and program a motorized element.*

- Kingman, AZ – 7/8

### **Lego Engineering Camp**

*Students will work with LEGO® parts to build engineer-designed projects such as: Trains, Helicopters, Treehouses, and Beam Bridges. Additionally, students will have fun with a Stars Wars theme, by designing and refining X-Wings, R2-units, and settlements on far-flung edges of the galaxy. Imagination and engineering combine to create motorized and architectural projects such as energy catapults, shield generators, and defense turrets.*

- Lake Havasu City, AZ – 7/8

### **FIRST Robotics Space Event – Official Name is Lunar Invitational**

*This unique event in partnership with NAU and FIRST Robotics will highlight the rich history of NASA and planetary science in Flagstaff. The robotics teams will complete a NASA challenge that celebrates the 50th anniversary of the Apollo Moon Landing. They will design a lunar module to recreate the Apollo 11 moon landing, fly a drone carrying their lunar module, and land it on a designated landing zone on the lunar surface to perform a series of tasks.*

- Flagstaff, AZ – 7/19