



# SUMMER STEAM CAMPS



Summer STEAM Camps are an excellent opportunity for students to engage in activities promoting science, technology, engineering, art and math. It is our hope that these experiences will intrigue students to participate in other STEAM workshops, high school classes and ultimately choose a profession in a career related STEAM field. Talent Maker City is excited to partner with the Southern Oregon Education Services District (SOESD) and Phoenix-Talent School District to provide funding and facilities to help make STEAM summer camps possible in Jackson County.

WEEK 1 | JUNE 18-21

## DIY LONGBOARD BUILD

Design, build, skate! Students will put their basic math, engineering, and artistic skills into action as we work from concept, to design, to gluing up the deck, to mounting the hardware. Students who complete the workshop will take home their own one-of-a-kind and ready-to-ride longboard!

**Dates:** June 18-21, 9am - 3pm (lunch provided)

## INNOVATIONS IN HEALTHCARE - IT'S GOING TIBIA A BLAST!

Design and construct original prosthetics (artificial limbs) and learn about how you can make a difference in health care. We'll even look at how 3D printing technology helps with this process! Students will learn basic anatomy and body systems in an interactive and fun environment while solving some of the biggest problems for people in their homes and workplaces.

**Dates:** June 18-21, 9am - 3pm (lunch provided)

## WEEK OF ROCKETS - BLAST-OFF!

Join our flight crew as we blast off to space! This exciting camp is all about rockets and how they are fueling our knowledge of other worlds. Mission preparation includes building custom rockets with 3D printers and conducting experiments to explore the science behind space travel. From the basics of Newton's Laws of physics to mass and gravity, you'll learn what it takes to be a real rocket scientist.


**Dates:** June 18-21, 9am - 3pm (lunch provided)

## NASA MISSION - MAP YOUR PLACE IN SPACE

Join us for this NASA Educator designed camp - We'll be using GPS (Global Positioning Systems) mapping, geo-tracking, and GIS (Geographical Information Systems) technologies to explore the world we inhabit. In this hands-on camp, we'll work together we'll do everything from Geocaching to Geo-mapping! We'll work directly with NASA experts and Google Earth to better understand our planet. Mission: Map Your Place in Space will take us on a journey where we'll explore, discover, create, question, learn, and most importantly, have fun.

**Dates:** June 18-21, 9am - 3pm (lunch provided)

Info & registration: [talentmakercity.org/steam-camps](http://talentmakercity.org/steam-camps)



**TALENT MAKER CITY** is a 501(c)(3) nonprofit organization based in Talent, Oregon. Our goal is to drive local economic development by establishing Talent as a regional hub for creative and technical innovation.

**YOU + MAKE + TALENT**

web: [www.talentmakercity.org](http://www.talentmakercity.org)

email: [makeit@talentmakercity.org](mailto:makeit@talentmakercity.org)

[@talentmakercity](#)



# SUMMER STEAM CAMPS



Summer STEAM Camps are an excellent opportunity for students to engage in activities promoting science, technology, engineering, art and math. It is our hope that these experiences will intrigue students to participate in other STEAM workshops, high school classes and ultimately choose a profession in a career related STEAM field. Talent Maker City is excited to partner with the Southern Oregon Education Services District (SOESD) and Phoenix-Talent School District to provide funding and facilities to help make STEAM summer camps possible in Jackson County.

WEEK 2 | JULY 9-12

## DRONE MAPPING - GET LAUNCHED

Students will learn the latest cutting edge technology for small Unmanned Aerial Vehicles (UAV) and how to safely operate them, as a component of this science, technology and aviation-related camp! Our FAA certified instructor will walk you through the steps of navigation and the introduction of mapping using a DJI Phantom 3 Drone and cloud based computing software. Get ready to video, photograph and map out our town, producing high resolution imagery as it has never been seen before. Plus it is just a whole lot of fun to fly drones.

**Dates:** July 9-12, 9am - 3pm (lunch provided)

## CRIME SCENE INVESTIGATION FORENSICS

Learn the secrets of how crime scene investigators uncover hidden mysteries through careful observation and evidence collection. We'll learn about crime scene investigation, detection and interpretation of fingerprints, blood typing, bloodstain patterns, DNA, ethics, and court testimony as we solve a murder mystery throughout the week!

**Dates:** July 9-12, 9am - 3pm (lunch provided)

## WEEK OF ROCKETS - BLAST-OFF!

Join our flight crew as we blast off to space! This exciting camp is all about rockets and how they are fueling our knowledge of other worlds. Mission preparation includes building custom rockets with 3D printers and conducting experiments to explore the science behind space travel. From the basics of Newton's Laws of physics to mass and gravity, you'll learn what it takes to be a real rocket scientist.

**Dates:** July 9-12, 9am - 3pm (lunch provided)

## SUMMER STEAM CAMPS PRE-REGISTRATION FORM

Student name: \_\_\_\_\_ Parent email: \_\_\_\_\_

Parent name: \_\_\_\_\_ Parent phone: \_\_\_\_\_

### STEAM CAMP PREFERENCES

Select up to three.  
Number in order of preference.

### WEEK 1 | JUNE 18-21

- \_\_\_ DIY Longboard
- \_\_\_ Innovations in Healthcare
- \_\_\_ Week of Rockets
- \_\_\_ NASA Mission

### WEEK 2 | JULY 9-12

- \_\_\_ Drone Mapping
- \_\_\_ CSI Forensics
- \_\_\_ Week of Rockets