



# TEEN STEAM SUMMER CAMP 2023



## YOUTH ENTERING 6<sup>TH</sup>-12<sup>TH</sup> GRADE

STEAM Camps are composed of fun activities that feature science, technology, engineering, arts, and math concepts.

### **Week 1: June 12<sup>th</sup> - 16<sup>th</sup> Spice It Up**

Spice up your summer with a fun and educational camp for teens who love cooking and want to learn more about spices. Through hands-on cooking, teens will develop valuable culinary skills and gain confidence in the kitchen. By the end of the camp, they'll be ready to impress their friends and family with delicious culinary delights seasoned with their own unique spice blends.

### **Week 2 & 3: June 19<sup>th</sup> - 23<sup>rd</sup> & June 26<sup>th</sup> - 30<sup>th</sup> Smash Camp**

Welcome to the ultimate summer camp where we'll smash into the world of eSports! In this 2-week camp, we'll take our love for Super Smash Bros. Ultimate to the next level by designing an app to enhance our play. Whether you're a coding whiz or just getting started on the keys or an artist with an eye for breathtaking graphic design, you'll work as a team of like-minded and passionate gamers to create an app that'll help us take on all competitors. Let's level up and change the game.

### **Week 4: July 5<sup>th</sup> - 7<sup>th</sup> Umpqua Tastes: A Culinary Adventure**

Umpqua Tastes is a farm-to-table summer camp for teens who are passionate about food and want to explore the unique culinary landscape of the Umpqua Valley. Over the course of the camp, teens will have the opportunity to taste and learn about locally-sourced ingredients and create tantalizing and delectable arrangements of baked treats. They'll meet with the farmers who grew these ingredients and learn about the agriculture practices they use to produce them. By the end of the camp, they'll have a newfound appreciation for the flavors of the Umpqua Valley and a repertoire of delicious recipes featuring locally-sourced ingredients.

### **Week 5: July 10<sup>th</sup> - 14<sup>th</sup> Paint Your Summer**

Paint Your Summer is an immersive and exciting camp for teens who have a passion for creativity and want to take their skills to the next level. Over the course of the week, teens will be introduced to different painting techniques and styles, including acrylic, watercolor, and gouache. Artists will not just be painting by numbers, they'll be painting memories. They will also learn about color theory, composition, and other important concepts that will help them develop their own artistic voice. Remember, there are no mistakes in art, only happy accidents. So let's have some fun, relax, and paint some happy little memories together.

### **Week 6: July 17<sup>th</sup> - 21<sup>st</sup> Medical Detectives**

Medical Detectives is a one-of-a-kind summer camp for teens who are interested in medicine and solving puzzles. At the start of the camp, campers will be presented with a fictional patient's symptoms, medical history, and other clues. Over the course of the camp, they'll work collaboratively with their medical team to investigate the case and solve the medical mystery. Along the way, they'll learn about different medical specialties. By the end of the camp, they'll have cracked the case and discovered the cause of the patient's illness, ready to present their findings to their fellow campers.

### **Week 7 & 8: July 24<sup>th</sup> - 28<sup>th</sup> & July 31<sup>st</sup> - Aug 4<sup>th</sup> Neural Network Ninjas**

Welcome, our friends, to the machine. It's time to level up from novice to ninja and unlock the secrets of the machines. In this 2-week camp, teens will become the masters of the machine learning universe. Picture this, 2-weeks of non-stop neural network action. Using a neural network, you will move silently like the 'g' in lasagna, tracking the movements of Mario and Luigi like a true ninja tracks their prey. We'll use the same tools as the pros, like computer vision, to create intelligent machines that can think and learn on their own. This is not just a camp, it's a journey into a neon-lit world where technology meets imagination and the future is limitless. Join us on this quest for knowledge, ninja warrior. (Oh and by the way, this camp was named by an AI. Pretty cool, huh?)

### **Week 9: Aug 7<sup>th</sup> - 11<sup>th</sup> Directing Dreams**

Show us you're the reel deal: join us for an exciting summer camp where you'll have the opportunity to create a commercial for the Boys & Girls Club of the Umpqua Valley by exploring your creativity and inspiration. Over the course of the camp, you'll learn about script writing, video production and editing techniques to bring your vision to life. You'll work collaboratively as a creative team to produce a compelling message that showcases the positive impact of the Boys & Girls Club on your community. At the end of the camp your commercial will be presented to the Boys & Girls Club staff and fellow members.

### **Week 10: Aug 14<sup>th</sup> - 18<sup>th</sup> Flicks and Food**

Love movies? Love food? Well then, lights, camera, let's get cooking. Get ready to be wowed by the wonderful and wide world of cinematic culinary adventure where we will whip up some whimsical wonders and heavenly delights inspired by some of our favorite movies. From the oatmeal cream cookie in Honey I Shrunk the Kids to the slurpiest spaghetti from Lady and the Tramp, we'll explore a world of movie-inspired recipes while honing some serious culinary skills. Rejoice kiddos! Summer may be setting but our menu will be full of magical and mouthwatering treats.