



SCIENCE.TECH.MAKER

@ Sunset Ranch Elementary

Spring 2017

OCEAN NIGHTLIFE (K - 3rd)

Dive into the depths of the ocean as we explore the creatures that live at the greatest depths. Students will uncover the mystery of bioluminescence as they create projects that glow in the dark.

Date: April 18 - May 23 (6 weeks)

Location: TBD

Time: Tuesdays, 2:30 - 3:30

Price Per Student: \$72

ANIMATION STUDIO (4th - 6th)

Lights, camera, action!! Students examine the process of stopmotion animation as they create storyboards, film a movie and edit their movie to create a final project! Students will create a variety of animation movies using different styles of animation.

Date: April 18 - May 23 (6 weeks)

Location: TBD

Time: Tuesdays, 2:30 - 4:00

Price Per Student: \$84



Visit our website
campedmo.org

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INGENIOUSLY FUN Spring Break Camp

April 10-14

City of Rocklin - Johnson Springview Park
Rocklin Community Center, 5480 5th Street, Rocklin

CITY BLOCKS (K- 4th)

Build your engineering and design skills in not just one world, but two! At the "City Blocks" Spring Break Camp, campers will complete a range of architectural challenges both with physical materials, and in the digital world of Minecraft.

WILDLIFE WONDERS (K-4th)

It's tough growing up in the wild. Imagine what it's like as you discover the strangest things some North American creatures must do to eat, communicate, avoid predators and survive natural disasters!

Date: April 10 - April 14

Time: Monday - Friday, 9:00 am - 3:00 pm

Optional Extended day: 8:00 am - 6:00 pm

Price Per Student: \$259

2 ways to ENROLL

1. On-Line: Visit bookedmo.org, click on **ENROLLMENT/ LOG-IN**

2. By Phone: 877.993.6673
or 415.282.MORE (6673)

*Online registration closes one week before start date.
Minimum 7/Maximum 15 students.*

SCIENCE, MAKER & TECH PROGRAMS

FIRST TIME FAMILIES
SAVE \$50
USE CODE:
FIRSTFAM5017
EXPIRES 4/1

EDMO (K-1) EDMO (2-4)



Power Up

Campers discover where our world's energy comes from, experiment with potential and kinetic energy, and transform that energy into usable electricity by building their own circuits, turbines, electromagnets, solar cars, and more!

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Minecraft: EDMOtopia

Design and build your very own Minecraft community! EDMOtopia is built on EDMO's multiplayer Minecraft server, available only to EDMO campers.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Minecraft: Mod Maker

Hack into your Minecraft world and code your own game universe! Campers learn basic coding skills while inventing their own Minecraft game features, like custom mini-games and superpowers.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



LEGO Animation

Build your own LEGO movie! In our LEGO Animation camp, campers create their own short stop-motion animated film, from start to finish.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Makeropolis

Design and build your city of the future! Campers will work together to incorporate elements of design thinking and the civil engineering processes as they plan, design, prototype, and test skyscrapers, bridges, homes, and even hovercrafts.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



DIY da Vinci

Travel back in time and visit the OMG's (Original Maker Greats!) of the Renaissance period. Leonardo da Vinci, Michelangelo and Galileo all intersected art, science and a maker mindset to create inventions and artwork.

Camp Locations: Rocklin, Folsom, Sacramento



Critterville

Here's your chance to burrow deep into the animal kingdom! Campers will recreate animal shelters, get a taste of different animal diets and experience how various animals survive in the wild.

Camp Location: Rocklin



Botany Buds

Make your summer bloom in this botanical exploration of our parks! This week is all about unearthing the plant kingdom, its various species and essential role in our larger ecosystem.

Camp Location: Rocklin

Leader-in-Training Only 8th Grade +

Our EDMO Leader-in-Training (LIT) program is for those looking to build youth leadership and facilitation skills. Our program focuses on team bonding and a deepened sense of responsibility in both the day-to-day interactions and overall vibe and camp experience.

EDMO PRO (5-8)



Game Coder

Make your video game dreams a reality! Game Coder campers experience the complete game development process.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Mobstacle Course

Experience the design process from concept to completion as you design a motion-activated and electronically responsive obstacle course!

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Minecraft: PROtopia

Design and build your very own Minecraft community! PROtopia is built on EDMO's multiplayer Minecraft server, available only to EDMO campers.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Minecraft: Mod Coder

Hack into your Minecraft world and code your own game universe! In our Minecraft: Mod Coder camp, campers learn to use Java code to create a Minecraft Forge mod.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



App Inventor

Create your very own Android app! Using MIT App Inventor, campers will use drag-and-drop "code blocks" to design and program a complete mobile app.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Girl Coder

Build powerful life skills and coding skills by designing your own video game! In Girl Coder, campers learn the ropes of programming and game design using JavaScript and Phaser, an engine for creating games that run in a web browser.

Camp Locations: Rocklin, Folsom



Tech Styles

Get glowing and join the tech clothing & accessory movement! In this wired week, campers will hone their circuitry skills by design and fabricating their own wearable creations like pet monsters, backpacks and portable fashion sculptures.

Camp Locations: Rocklin, Folsom, Sacramento



WordPress Web Design

Design, write and create content for your own custom WordPress website! Each day will focus on a different aspects of website design including visual elements, content and media.

Camp Locations: Rocklin, Folsom, Sacramento



Smile Mob Challenge

Your challenge, should you choose to accept it, is to design an interactive pop-up sculpture to brighten people's day. Campers will work as a team throughout every phase of the design process.

Camp Locations: Rocklin, Folsom, Elk Grove, Sacramento



Bio Blitz

Jump into the field of biology research! Campers become ornithologists (bird scientists), and explore feathers, flight and the features that make birds unique.

Camp Location: Rocklin

9AM-3PM, MON-FRI
OPTIONAL EXTENDED DAY 8AM-6PM



ENROLL CAMPEDMO.ORG
CALL 877.993.6673

LOCATIONS IN ELK GROVE,
FOLSOM, ROCKLIN, AND SACRAMENTO

Weekly themes are subject to change, please check website for the most up to date information.

CAMP EDMO is powered by Edventure More, a year-round 501(c)(3) non-profit enrichment organization. 5% of summer camp proceeds and 100% of donations support camp scholarships and subsidized science, maker and technology programs in local schools.