San Joaquin County Office of Education
STEM CAMPS

SUSD Extended Learning Opportunities for Students at the SJCOE

Biotech Bootcamp, SJCOE WEC - Harmony Grove | May 30 - June 1, 2023, 9:00AM - 2:30PM | Grades 6-8
Students will learn how to use the tools of biotechnology, separate molecules, quantify proteins, and insert DNA into bacteria. Register: https://conta.cc/3YzQIfD

Computer Graphics, SJCOE FabLab | May 31 - June 2, 2023, 9:00AM - 2:30PM | Grades 7-12
So much of what we see every day was designed on a computer (including this). The images on our screens from movies to Facebook posts work based on computer graphics. Your student can learn to use block-based code and the swift programming language to create exciting images in this high-tech course. Register: https://conta.cc/3JmeHKV

Engineering in a Virtual World with Minecraft, SJCOE WEC - Harmony Grove | June 20 - 22, 2023, 9:00AM-2:30PM | Grades 5-8
Minecraft Education is a giant game world in which students can invent, experiment, and collaborate. We'll learn coding in blocks and python as we use Minecraft as a platform to engineer solutions to problems in our real world.
Register: https://conta.cc/3ZlUeLt

Robotic Inventions with LEGO, SJCOE WEC - Harmony Grove | June 23 - June 27, 2023, 9:00AM-2:30PM | Grades 6-8
This is a fun, introductory class using the powerful Mindstorms Lego EV3 Robotics system. Students will explore electrical and engineering concepts, build various robots with different sensors, and use the computer to program their robots to respond to sensor and perform desired tasks. Register: https://conta.cc/3ZHzkGG

Microscopy, SJCOE FabLab | July 10, 2023, 9:00AM-2:30PM | Grades 6-8
Come be part of this unique opportunity in San Joaquin County to build your skills! Students will be exposed to hands-on Microscopy activities.   They will also learn how to keep a laboratory research notebook. Register: https://conta.cc/3JjvC0C

Engineering in a Virtual World with Minecraft, SJCOE WEC - Harmony Grove | July 10 - 12, 2023, 9:00AM-2:30PM | Grades 5-8
Minecraft Education is a giant game world in which students can invent, experiment, and collaborate. We'll learn coding in blocks and python as we use Minecraft as a platform to engineer solutions to problems in our real world. Register: https://conta.cc/3ygA9dG

Engineering Wearable Technology, SJCOE FabLab | July 11 - 13, 2023, 9:00AM-2:30PM | Grades 6-8
Do you ever sketch out an idea for a useful fashion or a handy gadget? Do you dream of prototyping your idea and pitching it to others? This hands on "maker" class will expose students in grades 6-8 to the basic computer programming/coding skills. They will also have the opportunity to work with state of the art 3D printing and laser cutting equipment in the SJCOE FabLab. Register: https://conta.cc/41Osyk8

SAN JOAQUIN COUNTY OFFICE OF EDUCATION

Contact: SJCOE STEM Programs, (209) 468-4880

SUSD
Stockton Unified School District
Since 1852

San Joaquin County Office of Education

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Robotic Inventions with LEGO, SJCOE WEC - Harmony Grove | July 18 - July 20, 2023, 9:00AM-2:30PM | Grades 6-8

This is a fun, introductory class using the powerful Mindstorms Lego EV3 Robotics system. Students will explore electrical and engineering concepts, build various robots with different sensors, and use the computer to program their robots to respond to sensor and perform desired tasks. Register: https://conta.cc/3YopW9U

Microscopy & Data Visualization, SJCOE WEC | July 26 - 27, 2023, 9:00AM - 2:30PM | Grades 6-8

Observation is a key aspect of science. Some things we can see with our eyes, but others we need tools to better understand. We'll work with various microscopes and even design our own and interpret temperature data to make visualizations as we observe the world in different ways during this 2-day camp. Register: https://conta.cc/3ZOC3hD