

# SLOHS Summer Robotics Camp



**Half Day Elementary Sessions – June 11 to 15**  
 Suggested grade level – 2<sup>nd</sup> to 5<sup>th</sup>  
 Morning Session – 8:00 AM to 11:30  
 Afternoon Session – 12:30 PM to 4:00 PM  
**Full-Day Middle School Sessions – June 18 to 22**  
 Suggested grade level – 6<sup>th</sup> to 8<sup>th</sup>  
 8:30 AM to 3:30 PM

**Girls & Boys**  
**Ages 7-14**

(Students entering 2nd to 8th Grade)

**Cost: \$115** (Elementary) **OR \$175** (Middle School)

After June 1 prices increase to \$135 Elementary or \$200 Middle School

**Space is Limited**  
**Register Early**  
 Payment must be  
 Received by June 1<sup>st</sup>  
**Elementary**  
**\$115 half day**  
**Middle School**  
**\$175 Full Day**

## Emphasis on Engineering – Think – Do-Test

- Engineering Design and Process
- Hands on Robot Building
- Robot Programming
- STEM Projects
- Proceeds benefit SLO-Botics
- Limited scholarships available

Register and Pay with a credit card online in the [SLOHS webstore](#)  
 OR Fill out form below and send a check payable to SLOHS ASB and return to:

SLOHS Attn: Jan Fetcho  
 1499 San Luis Drive  
 San Luis Obispo, CA 93401

(Please Print Clearly – One form per camper)

Camper Name: \_\_\_\_\_ Age \_\_\_\_ Grade next year \_\_\_\_\_

Parent Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

*(You will receive an e-mail confirmation upon receipt)*

E-mail: \_\_\_\_\_

Please list any medical needs/allergies/notes: \_\_\_\_\_

Please indicate time of day for elementary session only:	
Morning Session – Robot Basics – 8:00 AM to 11:30 AM	
Afternoon Session – Working Robots – 12:30 PM to 4:00 PM	

By signing up your camper for SLOHS Robotics Camp, you release SLCUSD, San Luis Obispo High School, and their employees and volunteers from liability. All payments are non-refundable for cancellations, expulsions, or any other reason.

**Parent/Guardian Signature:** \_\_\_\_\_



# Camp Details

## What to bring and where to go:

- ✓ Wear casual clothing and closed toe shoes
- ✓ Bring a snack and a drink for break plus lunch for all day session
- ✓ Water will be provided each day, but bring your water bottle!
- ✓ Please join us during the last hour on Friday to see what we made!
- ✓ Campers check in & out at the SLCUSD offices, 1500 Lizzie Street  
(above the high school in the Adult School area)
- ✓ Campers will be walked to the new robotics room at SLOHS  
(due to construction at SLOHS)

Sample Elementary Schedule		
8:00 – 8:15	Team building activity	12:30 – 12:45
8:15 – 9:30	Daily Concept(s)	12:45 – 2:00
9:30 – 9:45	Break	2:00 – 2:15
9:45 – 11:00	Building and Testing	2:15 – 3:30
11:00 – 11:30	Robot Games	3:30 – 4:00

Sample Middle School Schedule	
8:00 – 8:15	Team building activity
8:15 – 9:30	Daily Concept(s)
9:30 – 9:45	Break
9:45 – 12:00	Building and Testing
12:00 – 12:30	Lunch Break
12:30 – 2:00	Building and Testing
2:00 – 2:15	Break
2:15 – 3:30	Game Time

### “Basic Robotics” Elementary Camp

#### Concepts:

Simple Machines  
Gears and Gear Ratios  
The Robot Base  
Manipulators  
Programming  
Sensors

#### Games:

Soccer Tournament  
How fast can you go?  
Hungry Hungry Robots  
Chain Reaction!  
Highrise

### “Working Robots” Elementary Camp

#### Concepts:

The Crane  
The Arm and Hand  
Delivery Vehicles  
Rescue Robots  
Programming  
Sensors

#### Games:

Stacking Towers  
Red vs. Green  
Take Me To Your Leader!  
Robot Maze Race  
Freeze Tag

### Middle School Camp Concepts:

The three parts of a robot

Gear Ratios  
Strength vs. Speed  
Lifting  
Climbing  
Hanging  
Throwing  
Programming

Sensors

#### Games:

Hangin' Around  
Ball Toss  
Cone Zone  
Sensor Scrimmage

For more information contact  
SLOHS Robotics Coach **Jan Fetcho**

[jfetcho@slcusd.org](mailto:jfetcho@slcusd.org)