



STEM SUMMER CAMP

SCIENCE • TECHNOLOGY • ENGINEERING • MATH



Register Online: <https://www.parentorbit.com/parent/portal/inventabot/> OR 'PayPal' @ www.paypal.com PayPal Id: info@invent-a-bot.com

Please provide Child's details in the comments/memo when you pay by PayPal: Name, Email, Cell phone# and choice of Class (Half Day or All Day)

GRADES K-2

Lego WeDo Robotics

Campers build models of machines and animals; attach sensors and a motor that are plugged into the computer and configure behaviors using an intuitive, drag-and-drop software. They learn logic and problem solving as they code.

Lego Motorized Simple Machines

Build realistic models through strong understanding of mechanical principals. A 9-volt motor enables students to bring their projects to life. Students will investigate the principles of simple machines, mechanisms, and structures; experiment with balanced and unbalanced forces and friction; measure distance, time, speed, and weight; and much more.



Amazing Science

Learn different aspects of science in a fun and innovative way. Experiment with different projects and take home your innovation.

Lego Stop Motion Animation & Movie Making

Create your own animated movie using LEGO* mini figures or any other items! Campers will use a web cam and software to make short animated movies and will take home their movies made at the end of the session. You learn the art of stop-motion animation and the art of animating LEGO bricks.

GRADES 3-6

Lego Mindstorms Ev3 Robotics

Design, build and program awe-inspiring robots, using the powerful MINDSTORMS® EV3. Robo and sumo battle with your friends at the end of the session. Do challenges based on past FLLs.

Electronics for Kids

Have fun exploring the world of electricity. Make cool projects that do amazing things, experiment and explore as you learn how electricity works. Create light, sound and motion. Learn to read schematics, build your own circuits in a fun, safe and educational way. LED with push button, a transistor as a current amplifier, build light powered by lemons, an intruder alarm and a musical instrument. Learn to draw schematics and create circuits.

Lego Stop Motion Animation & Movie Making

Create your own animated movie using LEGO* mini figures! Campers will use a web cam and software to make short animated movies and will take home their movies made at the end of the session. You learn the art of stop-motion animation, specifically the art of animating LEGO bricks.

HTML for Kids <HTML>

You will learn the building blocks of HTML in order to create and style your first web page.

DATES	8.45 AM – 11.45 AM	12PM-1PM	1.15 PM – 4.15 PM
SESSION 1 JUNE 18-22	(GRADE K-2) LEGO WeDo ROBOTICS & AMAZING SCIENCE (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & LEGO ANIMATION	L U N C H	(GRADE K-2) LEGO SIMPLE MACHINE & ANIMATION (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & ELECTRONICS/HTML
SESSION 2 JUNE 25-29	(GRADE K-2) LEGO SIMPLE MACHINE & ANIMATION (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & ELECTRONICS/HTML		(GRADE K-2) LEGO We Do ROBOTICS & AMAZING SCIENCE (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & LEGO ANIMATION
SESSION 3 JULY 2-6	(GRADE K-2) LEGO WeDo ROBOTICS & AMAZING SCIENCE (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & LEGO ANIMATION		(GRADE K-2) LEGO ANIMATION & LEGO SIMPLE MACHINES (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & ELECTRONICS/HTML
SESSION 4 JULY 9 -13	(GRADE K-2) LEGO SIMPLE MACHINE & ANIMATION (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & ELECTRONICS/HTML		(GRADE K-2) LEGO WeDo ROBOTICS & AMAZING SCIENCE (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & LEGO ANIMATION
SESSION 5 JULY 16-20	(GRADE K-2) LEGO WeDo ROBOTICS & AMAZING SCIENCE (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & LEGO ANIMATION		((GRADE K-2) LEGO SIMPLE MACHINE & ANIMATION (GRADE 3-6) MINDSTORMS EV3 ROBOTICS & ELECTRONICS/HTML

CAMP FEES

All Day Camp – 8.45am – 4.15 pm - \$400/week
Half Day Camp – AM (8.45am – 11.45am) OR PM (1.15pm – 4.15pm) - \$260/week.
After Care – 4.15pm – 6pm \$100/week.
Early Bird Discount - \$25 off if you enroll before April 15, 2018
Enter Coupon Code: 'EARLYBIRDS' at checkout for Early Bird discount.
Multiple sessions Discount – \$25 off for every 2 or more sessions.
Sibling Discount: \$25 off for the 2nd child. Must be enrolled for the same week & duration
 **Please read our camp policies at <https://www.invent-a-bot.com>
 *** Classes are subject to cancellation if minimum enrollment is not met and parents will be informed and a full refund will be provided.

DAILY SCHEDULE

All Day Camp – 8.45am – 4.15 pm
 Half Day Camp – AM (8.45am – 11.45am) OR PM (1.15pm – 4.15pm)
 After Care – 4.15pm – 6.00pm
 10am - 10.15am - Snack Recess & outside play
 12pm - 1pm LUNCH
 2.30pm - 2.45pm - Snack Recess & outside play

REGISTER ONLINE:

<https://www.parentorbit.com/parent/portal/inventabot/> OR 'PayPal' @ www.paypal.com PayPal Id: info@invent-a-bot.com

VENUE:

Children's Peace Pavilion
 34050 Paseo Padre Pkwy, Fremont 94555
 (In Ardenwood by 'The Learning Tree')