

# SCIENCE, ENGINEERING, AND ROBOTICS SUMMER CAMPS!

**Rookie Mindstorms Robotics Camp** – Students will learn to program LEGO Mindstorms robots. This camp is for students with no LEGO programming experience who have finished 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> or 7<sup>th</sup> grade. Students will work in small groups to program LEGO robots and build robot attachments to complete specified challenges. There will be an exhibition tournament on Thursday.



June 3-7	8:30-11:30	LSW Lecture Hall	Camp Fee - \$100
June 3-7	1:00-4:00	LSW Lecture Hall	Camp Fee - \$100



**WeDo Camp** – Students who have finished K, 1<sup>st</sup>, or 2<sup>nd</sup> grade will be introduced to robotics in this fun adventure. Students will build LEGO models featuring working motors and sensors; program their models; and participate in related activities.

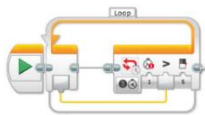
June 10-13 (Mon-Thur)	8:30 to 11:30	LSW Lecture Hall	Camp Fee - \$100
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**Go For It! Science and Engineering Camp** - This fast-paced, hands-on experience is full of engineering projects and science activities. We'll build structures, launch rockets, discover electronics, experiment with chemical reactions, and learn about robots. We'll show that science really is FUN! Targeting students finishing 3<sup>rd</sup>, 4<sup>th</sup> or, 5<sup>th</sup> grade. (6<sup>th</sup> welcome too!)



June 10-13 (Mon-Thur)	1:00-4:30	LSW Lecture Hall	Camp Fee - \$100
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**Veteran Mindstorms Robotics Camp** - Students with prior camp or FLL programming experience with LEGO Mindstorm robots will work in small groups to program more advanced tasks including use of sensors. They will test skills by completing daily missions. There will be an exhibition tournament on Saturday. (Students who attend a Rookie session June 3-7 may continue with this Veteran class.)



June 14-15 (Fri-Sat)	9:00-4:00	LSW Lecture Hall	Camp Fee - \$100
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**To register, visit [teamtitanium.org](http://teamtitanium.org) and click on the Camps link on the Community tab or <https://tinyurl.com/lswroboticscamps2019>  
Registration is limited so sign up early!**

To pay with a credit card please visit the camps section of the LSW school webpage.

A \$10 processing fee is added to all credit card payments.

The Lee's Summit West High School's *FIRST* robotics team, Team Titanium, offers these summer adventures to get students excited about the possibilities for their future in engineering, science, math, and technology. Camp sessions are led by engineers and teachers, with high school student volunteers mentoring small groups of students. For more information, go to [www.teamtitanium.org](http://www.teamtitanium.org) Questions may be directed to [nancy.spatz@lsr7.net](mailto:nancy.spatz@lsr7.net)



LSW Robotics Summer Camp Registration

To register by mail, send the following with payment to: Team Titanium Robotics, c/o Nancy Spatz  
Lee's Summit West High School  
2600 SW Ward Rd.  
Lee's Summit, MO 64082

Student Last Name: \_\_\_\_\_ Student First Name: \_\_\_\_\_

Current Grade (2018-2019 School Year): \_\_\_\_\_ Current School: \_\_\_\_\_

Camp Selection

- Rookie LEGO Mindstorm Robotics (3<sup>rd</sup>-7<sup>th</sup>) June 3-7 – 8:30-11:30
- Rookie LEGO Mindstorm Robotics (3<sup>rd</sup>-7<sup>th</sup>) June 3-7 – 1:00-4:00
- WeDo LEGO Robotics (K-2<sup>rd</sup>) June 10-13 – 8:30-11:30
- Go For It! Science & Engineering (3<sup>rd</sup>-5<sup>th</sup>) June 10-13 – 1:00-4:30
- Veteran Mindstorm Robotics (4<sup>th</sup>-7<sup>th</sup>) June 14-15 – 9:00-4:00

Parent/Guardian Name(s): \_\_\_\_\_

Parent/Guardian E-mail Address: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_

Additional Contact Phone Number: \_\_\_\_\_

T-Shirt Size (Please note – must register prior to May 8<sup>th</sup> to insure T-shirt availability) \*

- Youth Small
- Youth Medium
- Youth Large
- Adult Small
- Adult Medium
- Adult Large
- Adult XL

Please indicate any allergies, medical conditions, or other special needs camp staff should be aware of with your child.

\_\_\_\_\_  
\_\_\_\_\_

Do you authorize camp staff to determine treatment for your child in case of an emergency?

- Yes
- No

Parent Signature: \_\_\_\_\_