

# Willow Springs Elementary PTA — STEAMium Education

## After-School STEAM Club Registration Winter 2018

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Willow Springs Elementary PTA and STEAMium Education are partnering together to provide afterschool STEAM classes to Willow Springs Elementary students. Classes are limited to 24 students and space is limited. The registration deadline is Friday, January 12<sup>th</sup>, so register today!

### Jr. Robot Makers Animal Kingdom (Kindergarten – 3<sup>rd</sup> grades)

Students work in teams of two or three to build and program a LEGO® robot based on animals in the animal kingdom. Some examples include Jumping Rabbit, Sea Lion, Sea Turtle and Coqui Frog. Each class begins with a group discussion of the critical components of the robot (gears, motors, sensors.) The class views an on-screen animated video that brings the robot to life and shows students exactly what the finished robot can do. After constructing the robot with LEGO® pieces, they will connect it to a laptop computer via a USB cable and program it with easy-to-use click and drag software. After programming the robot, kids will use the remaining 10-20 minutes of class to play with their robots and share with parents. Time allowing, the class concludes with a group discussion of what was learned. LEGO® WeDo kits, laptop computers, software and all other supplies and materials will be provided.

- **Dates:** Tuesdays, January 16<sup>th</sup> – March 6<sup>th</sup>  
(8 classes: Jan. 16, 23, 30 Feb. 6, 13, 20, 27 Mar. 6)
- **Time:** 60-minute classes from 4:10 - 5:10 PM
- **Grade Range:** Grades Kindergarten - 3<sup>rd</sup>
- **Price:** \$149
- **Discounts:** 5% off for siblings
- **Classroom** location will be emailed following registration confirmation. Please notify your student's teacher (or SACC if applicable) of their enrollment



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**To register:** please visit: <http://www.steamiumedu.com/willowsprings>

**REGISTRATION OPENS 12/11/2017 AT 7:00AM**

Please contact Jill Mossman, [jillamossman@gmail.com](mailto:jillamossman@gmail.com) for questions regarding Willow Springs Elementary School & Roman Dadiomoff, [info@steamiumedu.com](mailto:info@steamiumedu.com) for questions regarding STEAMium Education and registration.