



LEGO™ WeDo® Robotics

WeDo® Robotics for Grades K-3

Students are introduced to Science, Technology, Engineering, and Mathematics (STEM) through robotics. They learn creative problem solving and teamwork as well as drag-and-drop software programming, measurements in time and distance, estimations, randomness, and the transmission of motion.

Courses are a week long and meet from Monday to Friday from 9 AM to 10:15 AM at Grace Prep High School. Dates are as follows:

- ☐ Monday July 6 to Friday July 10
- ☐ Monday July 13 to Friday July 17
- ☐ Monday July 20 to Friday July 24

Registration Fee is \$60.00



LEGO™ Mindstorms

Mindstorms for Grades 3-8

Students build and program real-life robotic solutions, allowing for creativity in design and enabling them to explore the world of engineering through complex control systems and problem solving. In the process, students learn teamwork and collaboration as well as gain hands-on experience with gear ratios, lever systems, use of different types of sensors, and some simple steps to computer programming.

Courses are a week long and meet from Monday to Friday from 10:30 AM to 11:45 AM at Grace Prep High School. Dates are as follows:

- ☐ Monday July 6 to Friday July 10
- ☐ Monday July 13 to Friday July 17
- ☐ Monday July 20 to Friday July 24

Registration Fee is \$60.00

Two Great Summer Programs

LEGO™ ROBOTICS

Summer Programs



Hosted at Grace Prep High School



With gratitude to Science U
for their support

Check the program of interest

WeDo Robotics (Grades K-3)

- ☐ Monday July 6 to Friday July 10
- ☐ Monday July 13 to Friday July 17
- ☐ Monday July 20 to Friday July 24

Mindstorms (Grades 3-8)

- ☐ Monday July 6 to Friday July 10
- ☐ Monday July 13 to Friday July 17
- ☐ Monday July 20 to Friday July 24

Child's Name: _____

Grade: _____

Address: _____

City: _____ Zip: _____

Parent Name: _____

E-Mail: _____

Phone: Work: _____

Home: _____

Cell: _____

Make checks payable to Ray Regan

Send Registration Form to:

Ray Regan
Grace Prep High School
848 Science Park Road
State College, PA 16803

About the Instructor

Ray Regan is the Director of Science at Grace Prep High School and a chemistry, physics, engineering, and geometry teacher. He started Way Cool STEM Education to teach robotics to elementary school students in August 2012 and had nearly 400 students enroll in its first year. SCORE of Central PA identified Way Cool STEM Education as a success story in 2013. His summer programs were mentioned in the February 2015 issue of Town and Gown Magazine.

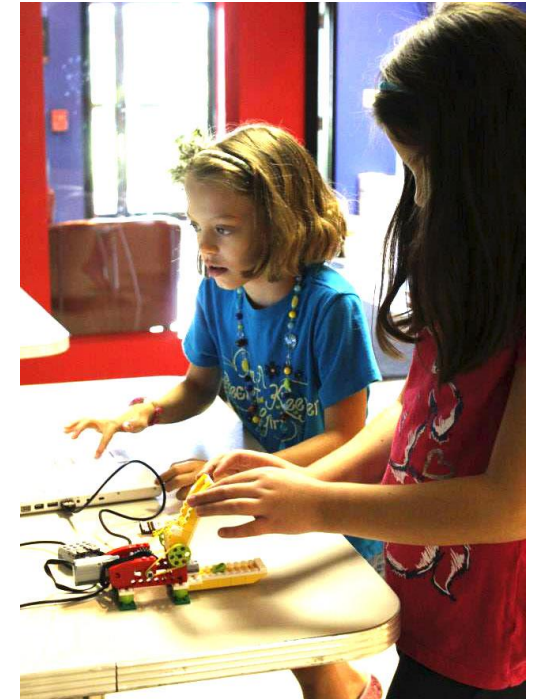
Contact Information

Ray Regan; Science Director
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State College, PA 16803

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Cell Phone: (814) 701-8811



FOLLOW WAY COOL STEM
EDUCATION ON FACEBOOK FOR
OTHER OPPORTUNITIES



Grace Prep LEGO™ Robotics Summer Camp

*A wonderful way for kids to learn
mechanical systems and computer
programming through project
based learning.*

