



STEM Enrichment Classes

After School @ Elon Park Elem.

DISCOVER

LEARN

EXPLORE



Junior Lego Robotics Engineering

K - 2nd Grade Boys & Girls

This class is a perfect mixture of fun and learning, using LEGO® WeDo™ robots. Using LEGO® bricks, students will build robots and go on an adventure story encountering wild animals including snapping alligators, lions and more. They will create an airplane rescue in a sailboat storm. They also learn how to program and operate their creations using a laptop computer.

Students will:

- ☐ Learn how to effectively program a robot
- ☐ Understand properties of a robot
- ☐ Relate to robots used in real-life scenarios
- ☐ Correlate programming used in many professions

Apprentice Civil Engineering

3rd - 5th Grade Boys & Girls

The Civil Engineering classes introduce our apprentice engineers to the responsibilities of a civil engineer. Students learn how they work with architects, local governments, citizens and other engineers. This class is centered on exploring the concepts of building and construction through hands-on exploration and design. Students explore the engineering behind skyscrapers, bridges, roads, and more in a fun and engaging experience.

Students will:

- ☐ Learn how projects are built to withstand natural disasters
- ☐ Discover forces of tension, compression, bending and torsion in structures
- ☐ Implement 6 steps of the engineering process

LOCATION: Elon Park Elem. K-2: art room Grades 3-5: outside art room MC432

DATE: Wednesdays 3:45-5:00 pm October 4— November 15 (no class on Oct. 18)

COST: \$119 /student six weeks, every Wednesday

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10% discount for siblings / multiple classes— Visit our website for Saturday classes.

REGISTER ONLINE NOW

EngineeringForKids.com/Charlotte

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*Kelvin visits
birthday parties!*

