

Saturday STEM Enrichment Classes

DISCOVER

LEARN

EXPLORE



Junior Marine Engineering

K – 2nd Grade

TIME: 10:00 am—11:00 am

Engineers in this discipline deal primarily with designing and maintaining the moving parts located below-deck in ships. What causes something to sink or float? In this class, students explore the concepts of marine engineering and mechanics, harnessing the power of water, and discovering designs that help us make the impossible, possible.

Students will:

- ☐ Study potential & kinetic energy with paddle boats
- ☐ Investigate how wind & weight correlate
- ☐ Develop inventive designs with knowledge

COST: \$119 /student Individual Classes \$25

Like us at www.facebook.com/EFKCharlotte to get 10% off by September 30th Use code: marine10

LOCATION: Ballantyne Fountains Studio 8145 Ardrey Kell Rd, Charlotte 28277

DATE: Nov 4 — Dec 16 (no classes 11/25) 6 classes total

REGISTER NOW—spacing is limited

EngineeringForKids.net/Charlotte
Charlotte@EngineeringForKids.com

704.750.5335



Apprentice Chemical Engineering

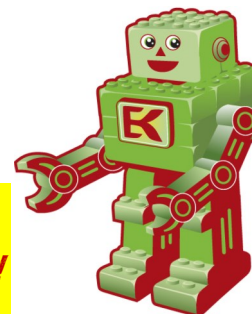
3rd – 6th Grade

TIME: 11:30 am—12:30 pm

During the Chemical Engineering classes, students use the Engineering Design Process to design, create, test, and refine various mixtures and solutions with different chemical properties. They develop solutions to clean up an oil spill, synthesize their own rocket fuel, and investigate the secrets behind color pigmentation.

Students will:

- ☐ Experiment how temperature changes materials
- ☐ Discover when various materials integrate their properties change
- ☐ Manipulate properties of a single material into various consistencies



**Invite Kelvin to
your birthday party!**