

# ENGINEERING FOR KIDS

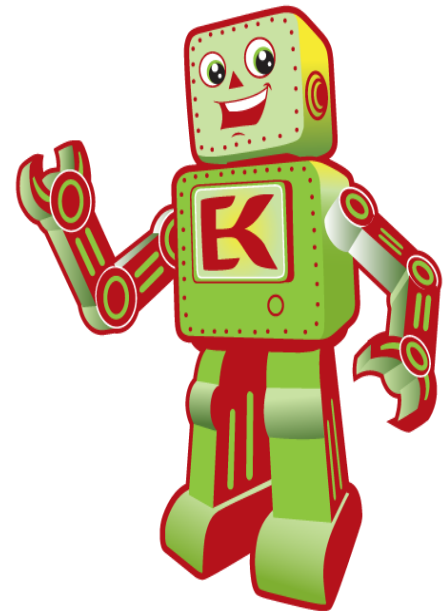
INSPIRING THE NEXT GENERATION OF ENGINEERS



## AFTER-SCHOOL CLASSES AT HEMET RIVER SPRINGS QUEST ACADEMY

### **Video Game Design-Platform Games** *5th-8th grade*

During the Electronic Game Design: Platform classes, students will use Multimedia Fusion 2.5® to create their own video game. A platform game Mario-type game where students program characters and a two-dimensional obstacle course. They attempt to avoid or overcome enemies and reach an end goal on multiple levels. At the end of the class, students take home a playable copy of the game they create.



### **Aerospace Engineering** *3rd-4th grade*

During the Aerospace Engineering classes, students use the Engineering Design Process to design, create, test, and refine a variety of flying machines. They construct a rocket designed to land within a target zone, design a parachute with limited materials that will make the slowest descent possible, and create a hot air balloon model that actually takes flight!

### **Mechanical Engineering Jr.** *K-2nd grade*

Students learn the fundamental concepts of energy, materials, and movement. Through open and focused exploration, students explore and construct their own roller coasters, catapults, cars, and more.

**PRICES:** \$115 per program

**DATES:** February 6th-March 13th Every Friday

**TIME:** 12:30pm-2:00pm

**LOCATION:** 5th-8th grade in Acacia B Building  
K-4th grade in Acacia A Building

REGISTER ONLINE  
T O D A Y

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