STEM *for kids*
Engineering ▪ Robotics ▪ Computer Programming

Hands-on fun-filled STEM After School Programs in the Triangle
($165/child)

Laurel Park Elementary School: 2450 Laura Duncan Rd., Apex, NC 27523

After School: Aerospace Engineering: [KG - Fifth] **Tracks 3 & 4**
Monday August 22 – Monday September 26, 2016; Tuesday September 6, 2016 (skip September 5, 2016) 4:00 PM - 5:30 PM
Select
After School: Computer Programming I: [KG - Fifth]
Tracks 3 & 4 Monday February 13 – Monday March 20, 2017
4:00 PM - 5:30 PM **Select**

After School: Aerospace Engineering: [KG- Fifth] **Tracks 1 & 2**
Monday October 3 – Monday November 7, 2016;
Tuesday November 1, 2016 (skip October 31, 2016) 4:00 PM – 5:30 PM **Select**
After School: Computer Programming I: [KG - Fifth] **Tracks 1 & 2**
Monday March 27, 2017- Monday May 1, 2017 4:00 PM - 5:30 PM **Select**

> Curriculum designed by engineers, industry and educators
>
> Aligned with Education Standards
>
> Integrates 4C skills of Communication, Collaboration, Critical Thinking & Creativity
>
> Teacher tested and kid friendly programs that make STEM fun and real

Aerospace Engineering- An Aerospace Engineering Adventure with forces that impact flight. In this workshop, we will focus on two forces – weight and drag. They will make paper choppers and test them out in a hands-on exploration of these forces. Through scientific enquiry and experimentation, they will learn the effect of more weight, bigger wing size and a different wing turn on choppers' motion.

Computer Programming I- This is an exciting introduction to computer programming for young kids. Curriculum is designed to engage young minds and help them advance from being merely computer users to creators. Participants learn the basics of creating using computers starting with a series of unplugged activities followed by drag-and-drop programming. They apply their learning to create simple animations and games.

> "I learnt you don't just download a program, sometimes you have to make it."
> 6th Grade Participant

> "The best part about this program was the kid-friendly language accompanied by age appropriate hands-on activities."
> K-5 Teacher

Making STEM fun and real for kids.