

Techno-Science Program: Science, Technology, Robotics and Programming



Dates: 8/23-12/06

No Class Day: 11/22

Fee (Early/Regular)

Early registration by: 8/17

\$285/\$305

Time:

2:30-3:30

[Findley Oaks: Thursday](#)

Our STEM classes are an exciting combination of Hands-On Science, Technology, Robotics and Programming. Click name below for full details.

Grades K-2: [Electrified and Robified](#)

Unifying Science Through Engineering: While they will love the challenges presented, you will love that your child has come away from this great program with an understanding of the scientific principles that the challenges are focused upon.

[Register Now](#)

Split payment option available

Imagine That! and Future Tech

www.ImagineThatFun.com

Fun@ImagineThatFun.com

Class Details



Your child will wish everyday was Imagine That! Day!



STEM AT ITS BEST

Grades K-2: [Electrified and Robified](#) *Click the name of class to read full details.*

We have lots of BRAND NEW concepts for your child! These include new coding programs and Boost Robots

Science:

Our Mystery Science will be experiments with lots of WOW factors built in. But don't worry, they will still be learning the principles behind the amazing things they see and do. Children will build it, break it, shape it and make it in this exciting hands-on engineering exploration. If you think this sounds like fun, we will explore palm pipes, singing tubes, thunder tubes, and cups that talk! We will not only learn how sound is generated, we will also learn how we hear sound!

We will electrify their imaginations as we create our own magnets, circuits, electromagnets, create eddy currents and more. Wait until you hear about our buzzing and lighting human circuit machine!

The children will glow with excitement as we study fluorescence and bio-luminescence. Watch **fluorescent** eggs grow 100 times their normal size! They will yell **Don't Bug Me** as we study lovable and not so lovable insects.

Technology: Robo-Rangers: An Adventure Into Programming, Robotics & Simple Machines

Coding: How great would it be if you had been able to start writing code at an early age? Monster Code Schule uses fun characters to turn on Lanterns and collect Stars by drag and dropping commands in a correct sequence. Robo Rangers will learn about algorithms, loops, sequences and conditionals on their way to learning to write code on their own.

Robotics: Boost Robots: We will be introducing our newest Robot during our class! Boost is the newest robotics kit available to our younger robotics kids. Students will build a base robot as they begin to learn the programming process. Once the kids get the basics down, they will create, then program their own animal bot using coding tricks they just learned. Fall brings new Adventure Bots for kids at Imagine That! with **Lego® WeDo** Construction sets! Exploring nature (and imagination) as they build, kids will Ride the rapids in the Canoe, Bungee Jump from the highest heights and learn to ski behind the Ski Boat.

Machines: With Lego Technic bricks our students will learn about Simple Machines; building the different concepts, learning that there are different types of simple machines. As they advance in understanding, we will build a Gymnast on the parallel bars and a Man Riding a Unicycle and more. All these activities, including the concepts, can be motorized as time permits.