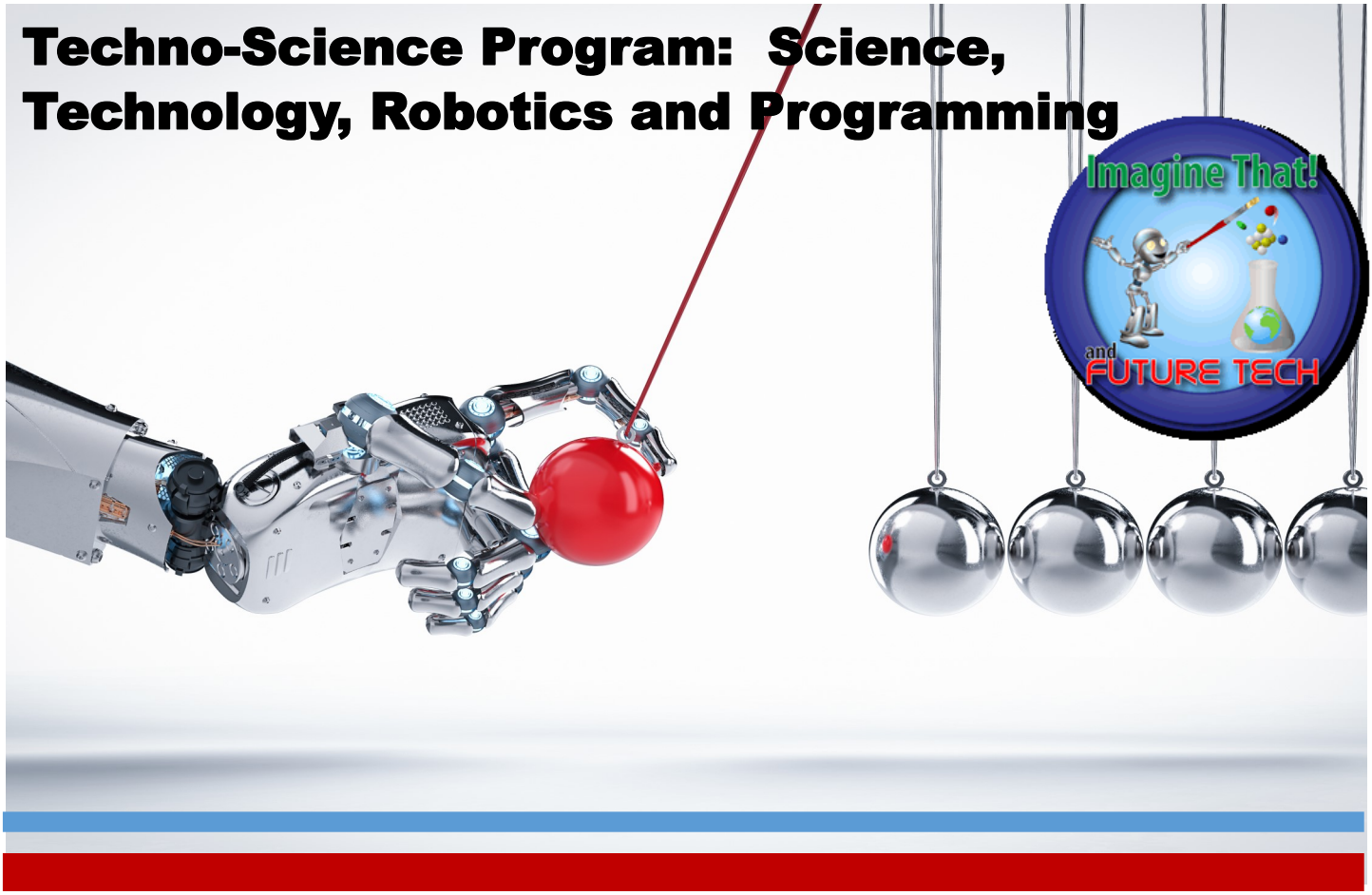
Techno-Science Program: Science, Technology, Robotics and Programming



Dates: 1/17-5/2 No Class Day: 4/4	Fee (Early/Regular) Early registration by: 1/11 $330/$350	Time: 2:30-3:45

Dolvin: Thursday

Our STEM classes are an exciting combination of Hands-On Science, Technology, Robotics and Programming. View classes on back for more details.

Grades K-2: Technically Magic

Grades 2-5: Action, Reaction, and Robots

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!

Early registration ends : 1/11

Split Payment Available

Imagine That! and Future Tech

www.ImagineThatFun.com

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770-455-1980

Class Details for Techno-Science

STEM AT ITS BEST

Grades K-2: Technically Magic

Science: Dr. Lipid is back and boy is he mad! Our arch enemy is up to no good and we must stop him! Mystery and Magic are yours as the **O.X.Y.S.** (Only Excellent Youth Scientists) match their wits against Dr. Lipid, Head of the Organization of **M.O.R.O.N.S.** (Magical Ogres Reshaping Our Natural Systems). Wait until you see the exciting science principles that your child will learn. Children will use these principles to work their way through a maze and out of the Castle of Dr. Lipid! We will use many mysteries to escape from the castles rooms:

- ◊ Vacuum that draw eggs into a bottle
- ◊ Pass strings through our necks
- ◊ Magically change a liquid's color with Acids and Bases
- ◊ Make a can come when called
- ◊ See boxes defy gravity
- ◊ Use flame tests to analyze chemicals and make magic mud
- ◊ Crush a can with atmospheric pressure

Technology: An Adventure Into Programming, Robotics & Simple Machines

Learn **coding** with Box Island and Hour of Code. Build and program **robots** with Boost and WeDo robots! As time permits for longer sessions we will also build motorized machines!

Grades 2-5: Action, Reaction, and Robots *Note: This class is for ages 8 and up.*

View class online to see full details.

Science:

Our **electrical engineering** students will make solenoids, explore the workings of motors and eddy currents, watch the amazing effects of ferro fluid, and create a fuse. We will explore the magic of light snap circuits and ***LOTS MORE!***

Our Brain Teasers will explore **action and reaction** as they create centripetal force to keep balls in line, determine what happens with balls as they collide and react to the forces acting upon them.

Technology: Your child's adventure into Robotics and Technology

Learn **coding** with Code Combat, **gaming** with Roblox Studio, and build and program **robots** with Lego ® MINDSTORMS® NXT's! As time permits for longer sessions we will also build motorized machines!