EXTREME STEAM SCIENCE KIDS
AFTER SCHOOL & WEEKEND CLASSES
LONG ISLAND'S PREMIER SCIENCE PROGRAMS

serious science mixed with serious fun
EXTREME STEAM SCIENCE KIDS

CLASSES START IN JANUARY, 2020!
VISIT OUR WEBSITE FOR MORE INFORMATION & TO ENROLL IN OUR 10 WEEK CLASSES

Junior Dash Robotics
Grades K-2
Saturdays, 11:00am - 12:00pm

Robotics With SnappyXO
Grades 4-9
Saturdays, 11:00am - 12:30pm

Senior Dash Robotics
Grades 3-5
Saturdays, 12:30pm - 1:30pm

Raspberry Pi JamAcademy Class
Grades 7-12
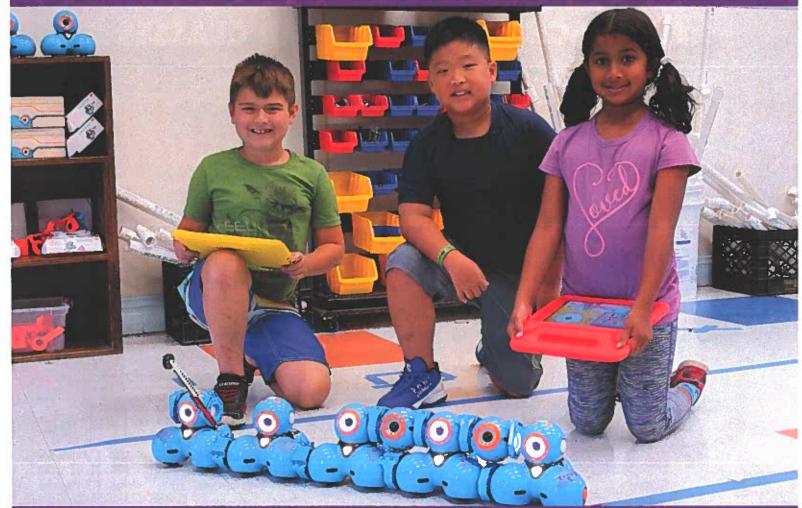Wednesdays, 4:30pm - 6:00pm

ONLINE REGISTRATION AVAILABLE
LIMITED SPOTS - RESERVE NOW!

ExtremeSTEAMCamp.com   631.499.8580

450 Deer Park Road   Dix Hills, NY 11746

This is not a Half Hollow Hills School District sponsored or

Junior Dash Robotics: Grades K-2

This one-of-a-kind program will captivate and stimulate a child's interest and keep them engaged during each and every class. They will first learn what a robot is and how it reacts to the world around it. They will learn how to program a robot and make it move in a variety of ways. Once their programming skills have been learned they will be challenged to solve different problems by testing and retesting the solutions they selected. These challenges are designed in the form of games which will keep the class exciting and full of fun.

Senior Dash Robotics: Grades 3-5

This one of a kind class will immerse elementary children into the world of robotics using the Dash robot. Children will be introduced to drag and drop coding which will be used to program their robot. They will work in teams as they build their programming skills which will include simple commands, if-then statements, variables, loops and the use of sensors on their robot. Students will learn what a robot is, how it interacts in the world around it and understand how robots are used today. As their programming skills improve they will be challenged to use these skills to solve a variety of problems. These challenges will test their understanding of robotic programming and build their critical thinking skills in addition to collaborative teamwork, creativity, and adaptability.

Robotics With SnappyXO: Grades 4-9

Designed to expose students to the process of design innovation and invention by way of a series of hands-on active and experiential learning activities in the context of robot design. This program will use a novel patent-pending robot kit called SnappyXO for design, open-source microcontrollers from the family of Arduino, and off-the-shelf sensors and actuators to create an intuitive robot design experience. The students will learn to design, prototype, and program robots culminating in an extensive robot design project.

Raspberry Pi JamAcademy: Grades 7-12

Do you enjoy building and working with electronics and computers? This course focuses on hands-on projects utilizing Raspberry Pi. The Raspberry Pi is a credit-card sized computer that enables people of all ages to explore computing and to learn how to program in languages like Scratch and Python. Our students will utilize the Raspberry Pi with a wide array of projects.