



OF WESTERN NEW ENGLAND

AWESOME ACTIVITY WEEKS SUMMER 2017

For more information, locations, and schedules go to:
register.madscience.org/westnewengland

Eureka! Invention

Ages 6-11/Entering grades 1-5

Mad Science introduces EUREKA! Invention - an exciting program based on our popular summer activity series. Kids explore famous inventors such as Leonardo da Vinci, Thomas Edison, Archimedes, Ben Franklin and even Rube Goldberg, along with the contributions they made to science, engineering and society. Guided by our Mad Scientists, KIDS use their knowledge and creativity to overcome a series of challenges using basic materials, simple machines, tips from famous inventors and the most important of all – their minds! While Thomas Edison said “invention is 10% inspiration and 90% perspiration, this program is 100% FUN!



Survival! Plants, Predators & Prey

Ages 6-11/Entering grades 1-5

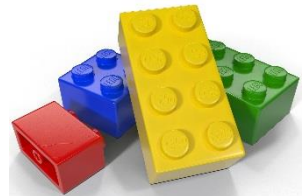
Predator or Prey; which will you be? In our newly revamped nature/environmental camp, kids will explore how animals, big and small, adapt to life here on earth. Campers will experience how birds and beasts catch their prey without becoming someone else's lunch and will then be challenged to survive in the pulse pounding "Food Chain Survival" game. Kids will also discover what Mr. Owl had on his dinner plate during the famous owl pellet dissection. We'll also have fun finding and magnifying nature's smaller critters—from insects to pond slime. Campers will build a real birdhouse to take home and will have creepy-crawly fun building a bughouse and searching for tenants! In addition, kids will enjoy hands-on fun learning how changes in wind, water and temperature can affect Earth's inhabitants.

Brixology

Ages 6-11/Entering grades 1-5

New Mad Science program with LEGO™ Bricks

Brixology Camp sets the foundation for our next generation of makers! Kids learn about different types of engineering and then team up to construct a different engineering-themed project using LEGO™ bricks. They learn about aerospace engineering while assembling a space station. They explore mechanical engineering as they build boats and vehicles. That's not all, from carnival rides to drawing machines, mechanical animals to truss bridges, your future engineer will build upon their creativity to solve real-world design challenges, while developing their problem-solving and team-building skills. Let the tinkering begin!



Sparkling Imaginative Learning



Give your child the best

BIRTHDAY PARTY EVER!



Call MAD SCIENCE: (413) 584-7243 or (800) 338-5711

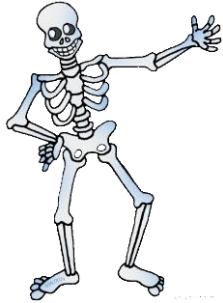
☎ 413-584-7243 or 1-800-338-5711 🌐 westnewengland.madscience.org ✉ summerprograms@madsciencewne.com

📱 Follow us on Facebook & Twitter @MadScienceWNE

SECRET AGENT LAB

Ages 6-11/Entering grades 1-5

Develop your special agent and detective skill in this super hands-on week of fun! Uncover the science involved in evidence gathering and analysis. Sharpen your secret agent skills and discover how chemistry and the science of forensics can come to the aid of a secret agent. Identify and collect evidence – from fingerprints to tracks to trash! Secret agents-in-training will use science and awesome technological tools to connect the dots and help sniff out the suspects in this investigation into the science of sleuthing.



ANATOMY ACADEMY

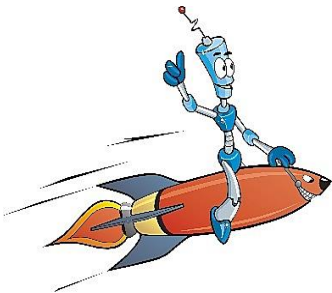
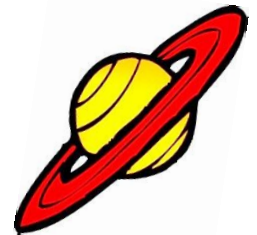
Ages 6-11/Entering grades 1-5

In this weeklong camp, children will have fun while learning about the scientific equipment they already own—the human body. Kids will explore the science behind cells, organs, muscles and bones through fun, hands-on activities. Campers will use micro-slide viewers to see some of the tiny cellular machines that keep our bodies working and will play the "Cell game" to learn about the "stuff" inside cells. Fun experiments will help campers understand more about their senses, brains, breathing, circulation and digestion. Children may create model cells, make Mad Mucus and a simulated stomach, build simple lung models, assemble a model skeleton, and much more.

SPACE & BEYOND!

Ages 6-11/Entering grades 1-5

Experience our program co-designed by NASA and Mad Science! From our Earth's atmosphere to the outer reaches of our solar system, this hands-on program for children ages 6-12 sends them on a quest for exploration! Comets, planets, stars and more are all waiting to be discovered. Explore the farthest reaches of our solar system and create a lunar eclipse in this "mad" planetary tour! Learn about the four forces of flight and the challenges of space travel, build your very own rocket to take home and participate in an awesome rocket launch!



Rockin' Rockets

Ages 6-11/Entering grades 1-5

Children will step into the shoes of a rocket scientist and learn the fundamentals of flight, propulsion and rocket design. We'll have fun exploring astronomy and trying out various flight designs from hot air balloons to hovercrafts (and many more!). "Launch Day" will bring some real excitement to your budding astronaut! Kids will build rockets as well as discover the fundamental concepts involved in launching and recovering many different types of rockets. Students will make and take home their own complete Mad Science rocket.

RED HOT ROBOTS

Ages 8-12/Entering grades 3-6

Delve into the fascinating world of robotics and machines in this weeklong program. Children will *construct their own robots* while gaining a working knowledge of the science of circuits, wheels, gears, and sensors. They will experience different types of robotic devices throughout the program, including line-tracking and programmable robots. They'll also learn about simple machines and how they, like robots, are used to make life easier. Robots go home with campers on the last day of the program. All supplies included.

