



# AWESOME ACTIVITY WEEKS - SUMMER 2019



## GROSS-O-RAMA

Entering grades 1-5

Get ready for the science of grossness and ickiness! Discover the yucky science of bodies, chemistry, polymers, germs and nature. *Grossologists* learn how to extract DNA from various products, how germs spread, find out what an owl eats through the dissection of owl pellets. We will also follow the human digestive process through GROSS hands on play, experiment with ooey, gooey polymers and more! Eew...THAT'S GROSS!



## BRIXOLOGY: Engineering with LEGO™

Entering grades 1-5

*Mad Science engineering program with LEGO® Bricks*  
Brixology sets the foundation for our next generation of makers! Children learn about different types of engineering and then team up to construct a different engineering-themed project using LEGO® bricks. They will build a space station, vehicles, carnival rides, drawing machines, mechanical animals and more. Your future engineer will build upon their creativity to solve real-world design challenges, while developing their problem-solving and team-building skills.

## Robot BASICS

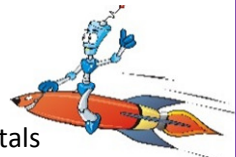
Entering grades 1-3

Children will learn the basics of robotics in this program from Mad Science. Children will *construct their own age appropriate solar powered robot* throughout the week. They will gain a basic knowledge of the science of wheels, simple machines and gears. They will experience different types of robotic devices throughout the program, including line-tracking and sound responsive robots. Robots go home with campers on the last day of the program. All supplies included. Children should be reading at a 1<sup>st</sup> grade level to participate in this program.

## Rockin' Rockets

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 will have fun exploring astronomy and trying out various flight designs from hot air balloons to hovercrafts and many more! These rocketeers 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 two rockets during the week.



## ADVANCED Robots

Entering grades 4-6

Delve into the fascinating world of robotics and machines in this week-long program. Children will *construct their own solar powered robot* while gaining a deeper knowledge of the science of circuits, wheels, gears, and sensors. They will experience different types of robotic devices throughout the program, including multiple programmable robots. Robots go home with campers on the last day of the program.



## Junior Scientist

Ages 4-6 (Pre-K & Kindergarten)

Preschoolers discover science as they become a Junior Mad Scientists! This camp is a great introduction to science as preschoolers explore the human body and our senses, the science of colors and the way things move. Children become paleontologists by searching for fossils in a mini dinosaur dig. They also take an exciting mission with Mad Science to explore the planets, moons and stars. Junior Scientists continue the science at home with take-home projects related to each subject.

## Crazy Chemworks

Entering grades 1-5

Shake up a flask of fun in the lab as a junior chemist! This week of fun is packed solid with explorations of cool chemical and physical reactions, laboratory equipment, acids and bases, florescence, states of matter, atoms and molecules and much more! Children take home a complete set of labware by the end of the week to continue the chemistry fun at home.



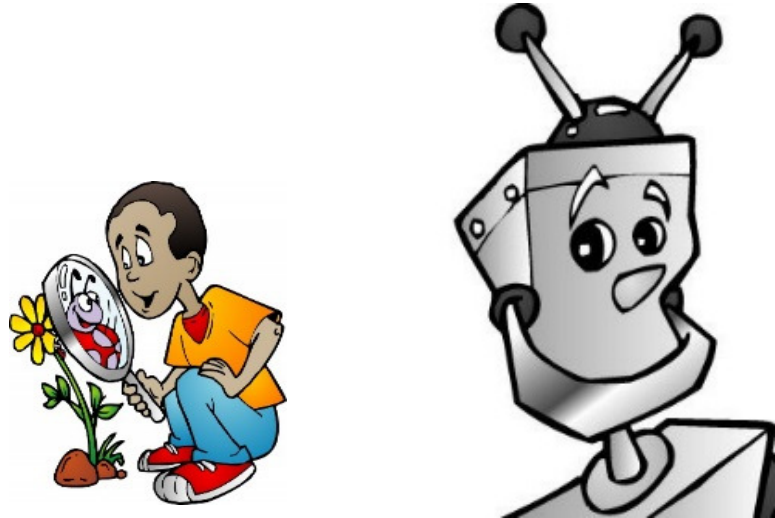


# MAD SCIENCE SUMMER IN THE BERLIN AREA!

of Western New England

**Half and Full Day Options Available!**

<b>Program Sponsored by Saint John Paul II School 87 South Main Street, Middletown, CT</b>			
<b>August 12<sup>th</sup> – August 16<sup>th</sup></b>			
Gross-O-Rama	Entering Grades 1-5	9 am-12 pm	\$139
Crazy Chemworks	Entering Grades 1-5	1 pm – 4 pm	\$139
Gross-O-Rama & Chemworks (Full Day)	Entering Grades 1-5	9 am – 4 pm	\$259
<b>August 12<sup>th</sup> – August 16<sup>th</sup></b>			
Junior Scientist	Entering Pre-K & K (Ages 4-6)	9 am-12 pm	\$139



<b>Program sponsored by Wethersfield Parks and Recreation Program held at Pitkin Community Center 30 Greenfield Street, Wethersfield, CT</b>			
<b>July 29<sup>th</sup> – August 2<sup>nd</sup></b>			
Rockin' Rockets	Entering Grades 1-5	9am – 12pm	\$155/\$170
<b>August 5<sup>th</sup> – August 9<sup>th</sup></b>			
Robot Basics	Entering Grades 1-3	9am – 12pm	\$175/\$190
Advanced Robots	Entering Grades 4-6	1pm – 4pm	\$175/\$190
<b>August 12<sup>th</sup> – August 16<sup>th</sup></b>			
Brixology: Engineering with Lego®	Entering Grades 1-5	9am – 12pm	\$155/\$170



Please send your child with a nut-free snack and drink daily. Children attending a full day program should bring a nut-free lunch, 2 snacks and drinks

**SPACE IS LIMITED**



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

For more information, locations, and schedules go to: [register.madscience.org/westnewengland](http://register.madscience.org/westnewengland)

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