



OF WESTERN NEW ENGLAND

# MAD SCIENCE SUMMER IN THE MANSFIELD AREA!

All are welcome

Below programs sponsored by Mansfield Parks & Rec and held at:  
**Mansfield Community Center Arts & Crafts Room**  
**Mansfield, CT**

### July 25<sup>th</sup>-July 29<sup>th</sup>

			Resident	Non-resident
Anatomy Academy	Ages 7-12	9:00am-12:00pm	\$186	\$196

### August 1<sup>st</sup>-August 5<sup>th</sup>

			Resident	Non-resident
Secret Agent Lab	Ages 6-12	9:00am-12:00pm	\$186	\$196
Crazy Chemworks	Ages 6-12	1:00pm-4:00pm	\$186	\$196
Secret Agent/Crazy Chemworks (full day)	Ages 6-12	9:00am-4:00pm	\$345	\$355

Below programs sponsored by Coventry Parks & Rec and held at:  
**Patriots Park**  
**Coventry, CT**

### August 22<sup>nd</sup>-August 26<sup>th</sup>

Brixology (with LEGO™ bricks)	Ages 7-12	9:00am-12:00pm	\$150
E <sup>2</sup> -Engineering Explorers	Ages 7-12	1:00pm-4:00pm	\$150
Brixology/E <sup>2</sup> (full day)	Ages 7-12	9:00am-4:00pm	\$275

*\*Please send your child with a snack and drink daily  
(children attending a full day program should bring lunch + 2 snacks and drink)*

## SPACE IS LIMITED

For registration information, visit:

**[register.madscience.org/westnewengland](http://register.madscience.org/westnewengland)**

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

☎ 413-584-7243 • 1-800-338-5711 🌐 [westnewengland.madscience.org](http://westnewengland.madscience.org) ✉ [summerprograms@madsciencewne.com](mailto:summerprograms@madsciencewne.com)



# AWESOME ACTIVITY WEEKS - SUMMER 2016



## Brixology

**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!



## Anatomy Academy

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.

## E<sup>2</sup> - Engineering Explorers

Whether your child loves to build things or destroy them, this week of camp includes lots of both! The junior Mad Science engineers will design and build bridges and "skyscrapers" using simple tools and their imaginations. Kids will even construct a geodesic dome big enough for all the campers to sit inside! Then the machine madness starts as they discover how many different machines, simple & complex, we use in our daily lives. Campers will have fun designing simple machines using pulleys, wedges, screws and levers. Then we move on to engineering in action – your kids work together to brainstorm, design, test, evaluate and redesign problem-solving contraptions!



## SECRET AGENT LAB

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.

### Other programs that may be available in surrounding areas include:

*E<sup>2</sup> - Engineering explorers, Survival, Anatomy Academy, Brixology, Secret Agent, Crazy Chemworks, Space & Beyond, Rockin' Rockets, Red Hot Robots*

## Crazy Chemworks

We'll learn about the tools scientists use in their laboratories – atoms, molecules, and reactions; acids and bases; and fluorescence and phosphorescence. We'll also examine and investigate super sticky things by exploring suction, hydrogen bonding, and static cling and see some very cool dry ice demonstrations! The best part is that each day we'll be able to continue the science fun at home with our very own labware take-homes!



Give your child the best  
**BIRTHDAY PARTY EVER!**



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

**Sparking Imaginative Learning**