# Mad Science After-School Programs

## *Correlated to STEM Education*

All Mad Science Programs have a science focus. Stars indicate classes with another main STEM focus.

**key:** ✓ - focus addressed, ★ - main focus

| Crazy Chemworks | S | T | E | M |
|---|---|---|---|---|
| Lab Works | ✓ | ✓ | ✓ | ✓ |
| Junior Reactors | ✓ | | | ✓ |
| pH Phactor | ✓ | | | ✓ |
| Slime Time | ✓ | | | ✓ |
| Chem in a Flash | ✓ | ✓ | | ✓ |
| Glow Show | ✓ | ✓ | ✓ | |
| Super Sticky Stuff | ✓ | ✓ | ✓ | |
| Dry Ice Capades | ✓ | ✓ | | |

| NASA AFSE | S | T | E | M |
|---|---|---|---|---|
| Planets and Moons | ✓ | | | ✓ |
| Atmosphere and Beyond | ✓ | | | ✓ |
| Space Phenomena | ✓ | ✓ | | |
| Space Technology | ✓ | ★ | ✓ | |
| Living in Space | ✓ | ✓ | ✓ | ✓ |
| Sun and Stars | ✓ | | | |
| Space Travel | ✓ | ✓ | | |
| Rocket Science | ✓ | | ✓ | |

| Sensational Science | S | T | E | M |
|---|---|---|---|---|
| Harnessing Heat | ✓ | | | ★ |
| Lights, Color, Action | ✓ | | | |
| Magnetic Magic | ✓ | | | ✓ |
| Optical Illusions | ✓ | | | |
| Mission: Nutrition | ✓ | | | |
| Sonic Sounds | ✓ | ✓ | | |
| Tantalizing Taste | ✓ | | | |
| Watts-Up | ✓ | | | |

| Funky Forces and More | S | T | E | M |
|---|---|---|---|---|
| Che-mystery | ✓ | | | |
| Current Events | ✓ | | | |
| Fun-damental Forces | ✓ | | | |
| Science of Magic | ✓ | | | |
| Fantastic Fliers | ✓ | | ★ | |
| Super Structures | ✓ | | ★ | ✓ |
| Wacky Water | ✓ | | ✓ | ✓ |
| Under Pressure | ✓ | | | |

| Experimentamania | S | T | E | M |
|---|---|---|---|---|
| Bugs! | ✓ | | | ✓ |
| Detective Science | ✓ | | | |
| Earthworks | ✓ | | ✓ | |
| Kitchen Chemistry | ✓ | | | |
| Mad Machines | ✓ | | ★ | |
| Movie Effects | ✓ | ✓ | ✓ | |
| Science of Toys | ✓ | | ✓ | |
| Walloping Weather | ✓ | | | ✓ |

| Zip Zap Boom | S | T | E | M |
|---|---|---|---|---|
| All About Animals | ✓ | | | ✓ |
| Energy Burst | ✓ | | ✓ | |
| Get Connected | ✓ | ✓ | ✓ | |
| Life in the Sea | ✓ | | | ✓ |
| Mix It Up | ✓ | ✓ | ✓ | ✓ |
| Moving Motion | ✓ | | | |
| Radical Robots | ✓ | ★ | ✓ | |
| Super Power Sources | ✓ | ✓ | | |

**Definitions of each STEM focus:**

S = Science: Understand the natural world

T = Technology: modify the world to improve human comforts/needs (including models)

E = Engineering: apply knowledge to design solutions within given constraints

M = Math: study patterns and relationships (including classification)