



MAD SCIENCE IS A FORCE OF NATURE!

Weather, gravity, magnets and MORE!

Mad Science students engage in fun, interactive, and educational hands-on activities that instill a clearer understanding of science and how it affects the world around them. Each week participants make and take home a different science project!



Wacky Water: Learn all about the wet and wonderful world of water and its properties. From learning about density and oil spills, to wave motion and water pollution, to making your own **RESCUE DIVER**.



Fantastic Fliers: Discover the forces of flight! Test new plane concepts! Build paper planes, kites, and flying spinners to see how well they fly, and pilot your own **SKYHAWK PLANE!**



Fundamental Forces: Gravity! Inertia! Centripetal Force! Who could ever imagine that an introduction to physics could be so much fun? Just wait until you play our **GRAVITY GAME**.



Under Pressure: Explore the science behind aerodynamics & the properties of air when under pressure! Vortex generators & levitating ping-pong balls! Take home an **AIR BLASTER** and launch some air-rockets!



Walloping Weather: Why does weather occur? Find out! Learn how the seasons change with the Earth's tilt and how air affects weather. Make and take home a color-changing UV light detector out of **SUN BEADS!**



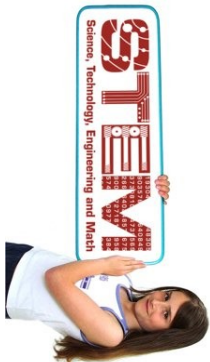
Earthworks: Dig in and see how the deep layers of the earth create our tallest mountains. Challenge your building skills against an earthquake, and simulate sediment with your own **SEDIMENTARY STACKER**.



Magnetic Magic: See how humans benefit from the Earth's magnetic force! Experiment with swinging compasses and make your own **MAGNET LAB** to explore the role of magnets in our everyday lives.



Watts Up: They don't call it 'Old Sparky' for nothing! Light up our Van De Graaff generator & see sparks fly. It's a hair-raising display of static electricity! Make your own **STATIC STICK** to test for static at home!



Of Morris & Sussex, NJ

Sparking Imaginative Learning

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www.morrisussex.madscience.org

WE HAVE FUN DOWN TO A SCIENCE!