



## MAD SCIENCE IS A FORCE OF NATURE!

*Weather, gravity, magnets and MORE!*

*Mad Science campers 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 day, the campers will make and take home a different science project!*

**Hands-On & Interactive!**



**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!

**PEQUANNOCK REC**

**July 31 - August 4**  
9am - 12pm

**\$185 per Scientist**

**TO REGISTER: CALL PEQUANNOCK REC!**  
**973 835 5700**

**Questions? Contact Us** 973 983 6030  
[www.morrissussex.madscience.org](http://www.morrissussex.madscience.org)

**WE HAVE FUN DOWN TO A SCIENCE!**