



Hands-On Discovery Stations

Each Discovery Station is typically 1-3 tables with 10-15 minutes of totally FUN and educational activities. We can accommodate about 20 children every 12-15 minutes at each station. Discovery Stations are booked by the hour.

Discovery Station	Description	Subject
Amazing Air	Dynamic air fun! Levitate balls on air, feel the power of a vortex of air and see impressive vacuum pump demos.	Air Pressure
Zap Attack	Create "indoor lightning", find out if things are conductors or insulators (including you!), and test your nerves with our own electrical buzzer game.	Electricity
Bubbling Potions/ Dry Ice	Explore one of the most exciting and unique substances out there! Experience Dry Ice "burps", the Mad Science "shower", and a special effects fog cover.	States of Matter
Optical Illusions	Be mystified by the wonders of optical illusions! Test your ability to find hidden images and experience how many ways our eyes can be tricked.	Optical Illusions
Light and Lasers	Learn about the spectrum of visible and invisible light, see all the colors in light with our Diffraction glasses, and explore a laser maze.	Light/Diffraction
Silly Sounds	Learn about sound using all sorts of cool instruments. Experience an effects generator to hear your voice go from chipmunk to Darth Vader.	Sound
Fun With Candy	Learn the science behind gasified candy. Play with candy chromatography. Use your senses and put different candies to a smell test and much more. We can even make a candy "fountain" if you have the room.	Senses/Chemistry
Wacky Water	Create tornados and use a Cartesian diver. See "magic" sand that is afraid of water. Experiment with surface tension.	Water
Energy Blast	Learn about potential and kinetic energy using our cool rubber band cars, poppers and boinks.	Energy
Circuit Madness	Experiment with electric circuits and build your own simple circuits to power lights and buzzers.	Electricity/Circuits
Fantastic Forces	Learn about forces through trying to balance a balancing bird or making a pile of bolts stand without assistance. See how centripetal force can keep a full cup of water from spilling as it is spun in a circle.	Forces
Mad Machines	Learn about the 6 simple machines and how they make everyone's life easier.	Simple Machines
Comets and Asteroids	Learn about asteroids and recreate the impact craters asteroids have made on our moon. Watch as we create a "kitchen" comet and simulate an asteroid burn out as it hits the atmosphere.	Space
Be Sun Safe/UV Keychains	Learn all about UV light and how it affects us. Make key chains out of cool UV detecting beads to take home!	UV light/ Sun Protection
Slippery Slime	Learn the basics of polymer structure. Everyone gets to make their own cup of ooey, gooey slime!	Polymers
Polymer Fun	Learn the basics of polymer structure and experience three different kinds of polymers: kinetic sand, orbs, and instant snow. The difference between these three illustrates how different polymers can be even though they have the same structure. Take home a cup of orbs or instant snow!	Polymers
Putty	Learn the basics of molecular bonding and polymer structure. Turn glue into Mad Science Putty for everyone to take home!	Matter/Polymers
Cotton Candy	Learn the science behind this tasty treat. Watch how centrifugal force transforms sugar crystals to floss. Every child gets their own cone to eat!	Heat/States of Matter
Bouncy Balls	Learn about polymers and make your own bouncy balls to take home!	Polymers/Energy
Glow-in-the Dark Bracelets	Learn about phosphorescence and florescence. Then make your own glow bracelet to take home.	Phosphorescence and Florescence