



Mad Scientists on Wheels

Library Program Guide

Invite *Hands On!*'s Drs. Bunsen & Beaker to experiment at your Library Branch.



These one-hour programs spark interest and excitement toward understanding scientific content and knowledge through reasoning, reflection, tools, and language.

Amazing Animals - Predator VS Prey

Expose the secrets of animal camouflage! What happens when camouflage fails and a sudden movement catches the enemy's eye?

Popping with Power

Explore "pushes" and "pulls" on balls, pendulums, levers, bricks and student-made catapults.

Spooky Science

Why do certain sounds and images scare us? Explore properties of matter, minerals, light & sound as you discover the science behind the scary. Students will take home slime!

Gross-ology!

Did you know your ears help you balance? Or that your intestines can be 25' long? Discover some of anatomy's most interesting facts in this disgustingly fun adventure. Make poop, learn how food travels in your intestines and what you need to keep your bodies healthy and strong.

One Inch at a Time

Start with story time to introduce vocabulary, then explore centers in small groups. Use "inchworms" and standardized tools like rulers and measuring tapes to practice measurement and compare relationships between objects of different sizes. Use the experiences to measure the next snow.

CSI: Children's Science Investigation

Investigate our crime scene for scientific clues! Analyze your own fingerprints, decipher written clues and take a bite out of crime as we compare teeth marks. Can you solve the mystery?

Magical Magnets - Are You Attracted to Me?

Investigate the magical push and pull of magnetism in this station-based class. Create a magnet craft to try out in class and take home.

Engineering With The Three Little Pigs

Meet the three most famous engineers in storybook history! Have a blast acting out the classic tale, *The Three Little Pigs*. Work in teams to enhance your building skills as you build a house strong enough to withstand the huff and puff of the Big Bad Wolf.

Wiggle with the Worms

Introduce yourself to the wild world of worms! Learn all about worms, their habitat and why they are so important to us. The Drs. lead experiments with both imitation & real worms, and students will make and take home gummy worms.

Fizz, Boom, Science - Don't Try This at Home!

Hop on board a fast-paced journey through the scientific process with hypotheses, observations & changing variables. *Fizz, Boom, Science!* will engage students in hands-on science demonstrations & experiments. Students receive a take home science activity to reinforce the concepts learned.

Program Price:

\$150.00 for up to 20 children; additional children are \$6.00 each.

For programs outside of Henderson County, a .54 per mile charge will be assessed. Locations over 30 miles from Hands On! will be charged an additional \$50 program fee, with up to 50 miles of one-way travel at this rate.

Contact:

For more information or to book your program, please contact Kay Campbell, *Hands On!* Education Coordinator, at kay@handsonwnc.org or 828.697.8333.