



Science on Wheels STEM Outreach

2018 Library Programs

Hands On! offers one-hour STEM programs that promote curiosity and ignite wonder for learners of all ages! Science concepts will “come alive” as our STEM Specialists facilitate **FUN** and **EXCITING** science activities for your students.

To the Moon and Back

Explore the visible sky and discover why the moon changes its appearance every day and how objects move across the sky. Study the countless stars including the sun.

Geology Rocks!

Investigate the world beneath our feet. Learn how to identify rocks and minerals and their properties. Discover the rock cycle and the mineral treasures found in North Carolina.

Exploring Insects

Discover the fascinating world of insects. Study habitats, learn about life cycles, and create an insect model to bring home.

Science of Sound!

Learn how sounds are made and heard. Participate in hands-on sound demonstrations including the “sound wave game”, building a model ear, the sounds of Theremin, and a grand orchestra finale!

Forces & Motion: Moving Molecules

Discover the power of force and motion. Use position words and movement words to describe where and how objects move. Harness the force of air molecules using hand-held air cannons.

Whether the Weather

Weather affects us all. Learn how and why weather systems form. Study clouds, play with tornado tubes, observe a thunderstorm, harness lightning, and make snow to take home.

Dr. Seuss and STEM

Celebrate Dr. Seuss by exploring seuss-ical style experiments. Can you build a tower and put an apple up on top or design a Lorax tree that is pollution free? If you ran a zoo, what would you do?

Fun with Bots

Discover how robots work! Experiment with ways a robot can sense, think, and act. Use an Ozobot, paper, and markers to program and control a real robot that fits in the palm of your hand.



READY TO BOOK?

Please call our Education Office at 828.697.8333 ext. 225 or e-mail kay@handsonwnc.org.

Programs are \$150 for up to 20 children, and additional participants are \$6 each.

Standard mileage charges apply for programs outside of Henderson County.