

Cub Scout Day: Science Rocks!

AT THE WOODLANDS NATURE STATION

SATURDAY, NOV. 16, 2024 10AM - 3PM

Welcome packs, families and scouts! Cub Scout Day is guaranteed to be fun for everyone as Cub Scouts of all levels work towards Adventures related to this year's theme. All activities and programs are open to everyone with Nature Station admission.

Adults (16 and up): \$7
Children 15 and under:
FREE

Programs:

Star Stories: 10:30, 12:30, 2:30

Learn the stories of constellations and make your own constellation model. (**Tigers**)

Super Science: 11:00, 1:00

Help a scientist demonstrate 3 experiments all about density! (**Bears**)

Natural Estimates: 12:00, 2:00

Did you know you can estimate the time of day, and even the height of a tree, using simple tools? (**Arrow of Light**)

Mineral Lab: 11:30, 1:30 (Supplies limited; Webelos only)

Investigate mineral hardness and more using a mineral test kit! (**Webelos**)

Bald is Beautiful: 11:45 (eagle chat)

For Goodness Snakes!: 1:45 (snake chat)

Ongoing Activities:

Makin' Moves (Lions & Bears)

Inventors' HQ (Lions)

Triassic Trivia (Wolves)

Dinosaur Digging (Wolves)

Form-a-Fossil (Wolves)

Eye Spy (Tigers)

Rock Solid (Webelos)

Map it Out (Arrow of Light)

Create a Crystal Display (Webelos)

Hungry, Hungry Bobcat Display (Arrow of Light)

Rocks Rock! Display (Webelo)

Awesome Astronomy Display (Tigers)

Land Between the Lakes National Recreation Area

3146 Silver Trail Rd. Golden Pond, KY 42211. For more information, please call 270-924-2299, email abarre@friendsoflbl.org, or visit landbetweenthelakes.us



Let's Adventure!

ADVENTURES AND REQUIREMENTS COVERED:

This page shows an overview of the Adventures and specific requirements covered by today's activities. Scouts should use their booklets to help guide them to complete all the activities for their level.

LIONS: GIZMOS AND GADGETS

1 & 2. Explore properties of motion and force.

Makin' Moves Booth

3. Use household materials to create a useful object. **Inventors' HQ Booth**

TIGERS: SKY IS THE LIMIT

1b. Talk about items you might see in the night sky.

Awesome Astronomy Display

2. Look at distant objects through a telescope or binoculars. Show how to focus your device.

Eye Spy Booth

3 & 4. Select two constellations that are easy to see in the night sky. Find out their names and how to identify them. Create a homemade model of a constellation.

Star Stories Program

WOLVES: DIGGING IN THE PAST

1. Play a dinosaur game that shows what you know about them.

Triassic Trivia Booth

2 & 3. Be a paleontologist and dig through a dinosaur dig. Create an imaginary dinosaur and share what it eats, its size, and where it lives. **Dinosaur Digging Booth**

4. Build a fossil layer.

Form-a-Fossil Booth

BEARS: SUPER SCIENCE

1. Conduct the static electricity investigation.

Makin' Moves Booth

2, 3, & 4. Conduct the sink-or-float, color-morphing, and color-layering investigations.

Super Science Program

WEBELOS: EARTH ROCKS

1. Examine the three types of rocks, sedimentary, igneous, and metamorphic.

Rocks Rock! Display

2. Find a rock, safely break it apart and examine it.

Rock Solid Booth

3. Test minerals according to the Mohs scale of mineral hardness. Discuss how hardness determines what materials can be used in homes, landscapes, and for recreation.

Mineral Lab Program

4. Grow a crystal.

Instructions at Create a Crystal Display

ARROW OF LIGHT: ESTIMATIONS

1. Estimate food measurements.

Hungry, Hungry Bobcat Display

2 & 3. Estimate time of day and the height of a distant object.

Natural Estimates Program

4. Estimate the distance between two points.

Map it Out Booth

Adventure requirements are up to date with the 2024 Cub Scout Handbooks. Please note that scouts may not complete every Adventure requirement during the event and will receive a certificate detailing completed requirements. If you have any questions, please contact us at: 270-924-2299 or abarr@friendsoflbl.org

