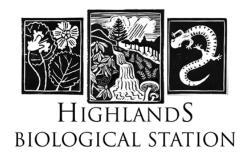
# STEM Outreach Virtual Programs



Seeds & Flowers

Tree Life Cycles /

William Bartram

Squirrels / Groundhogs

Snails & Slugs

Snakes

**Forests** 

**Turtles** 

During this time, Highlands Biological Station & Nature Center is providing a wide variety of live, **virtual programming** for public, private, or homeschool groups in grades preK-12 in addition to in-person presentations. Virtual Programs are available via Zoom or Google Meet, and are designed to provide supplementation to the North Carolina science *Essential Standards* for each targeted grade level. Most programs last approximately 30-45 minutes, unless specific circumstances require adjustments to the schedule.

#### For all grades:

Animals in Winter Frogs & Toads

Bats Insects

Bears Leaves / Tree ID

Beavers Mice

Birds Moles & Shrews

Camouflage Opossums

Canines Owls

Cats Predators & Prey / Food Chains

Deer Rabbits

Fall Leaf Colors Salamanders

**Also for older students:** (60 – 90 min.)

Experimental Design & Scientific Method

**Population Genetics** 

Stream Salamander Communities
NC Wildlife Programs \* (see list)

# "HBS Science Short Shows" are also available on YouTube (approx. 15 min ea.):

- 1. Snakes
- 2. Frogs
- 3. Seeds & Flowers
- 4. Moles & Shrews
- 5. Salamanders

- 6. Birds
- 7. Beavers
- 8. Turtles
- 9. Insects
- 10. Measuring Big Trees

### Other Groups:

School programs are also available for groups such as scouts, churches, 4-H, libraries, and other community organizations and the general public. *Special request programs can frequently be accommodated*.

Lectures and workshops for adults are also available on a variety of topics, as are teacher and informal educator workshops for science CEU and EE Criteria II or III credit.

## Costs:

The requested fee for each school outreach program is only 50¢ per student (max \$20), but may be waived. Fees for lectures, workshops, and public programs with general admission are typically a flat rate based on the expected number of participants and program length.

#### For more information:

Descriptions and details of each program offering, including correlations to NC curriculum, are available on our website (<u>highlandsbiological.org/nature-center/outreach</u>). To schedule a program, or for more information, please contact the Outreach Office below:

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# Virtual Presentations for NC Wildlife Course \*

Grades 9-12 - (60 - 90 min)

- Dichotomous Keys & Biological Classification
- Experimental Design & the Scientific Method
- Frogs of the Blue Ridge / Frog Calls Lab
- Introduction to Birding
- Introduction to Owls / Owl Pellet Lab
- Mammals of the Southern Appalachians
- Mammal Skulls Lab
- Salamander Diversity & Biogeography in the Southern Appalachians
- Salamanders as Biological Indicators Lab
- Shrews of the Blue Ridge (& Current Research)
- Snakes of the Blue Ridge
- Stream Salamander Communities Lab

#### Contact:

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