



We've got your Science Experience...



Students of all ages see, touch and experience science like never before at the Mid-Atlantic region's premier Science Education facility.

Virginia Living Museum School Science Programs are:

- **SOL-correlated**
- **Grade-level targeted**
- **Taught by the Museum's professional science educators**
- **Endorsed by the VA Dept. of Education, U.S. Dept. of Education, National Science Foundation**

The Virginia Living Museum is a private non-profit natural history museum and environmental education center dedicated to connecting people to nature through educational experiences that promote conservation.

The Virginia Living Museum's exhibits correlate with and reinforce Virginia's Standards of Learning for Science.

While taking a tour of the geographic regions of Virginia, students can observe:

- Live animals and plants in their natural habitats
- Plant and animal life cycles, food chains and food webs
- Animal survival adaptations for finding food and shelter, rearing young, avoiding predators and defense
- Animal migration, camouflage and hibernation
- Endangered and threatened species
- Vertebrates and invertebrates
- The importance of conserving Virginia's animal, plant and mineral resources
- Habitats of pond, forest, stream, Chesapeake Bay, cypress swamp, mountain cove, cave and more
- Virginia's prehistoric past: rocks, minerals, fossils
- Phases of the moon, reasons for the seasons, earth's revolution and rotation, planets in our solar system.



When to Visit

The Museum is less crowded from September through February. Book early for the best selection of programs and dates.

Length of Visit

A self-guided tour of the Museum's exhibits and outdoor trails takes 1.5 to two hours.

Chaperones

Classroom teachers and school staff are admitted free. The Museum also recommends one adult chaperone for every 10 students. These chaperones are admitted free. Additional chaperones are charged \$16 each. The Museum requires students to stay with their assigned chaperone in the exhibits and Museum store.

Payment and Cancellation

Payment can be made by cash, check, credit card or the Museum can invoice. Two weeks notice is required for cancellations for all bookings.

Parking

There is plenty of free parking for buses and motorcoaches.

Picnicking

Outdoor picnic tables for school groups are conveniently located on the Museum grounds. Some tables are covered. Please make alternate plans for rainy days.

Box Lunches

School groups may pre-order lunches directly from the Wild Side Café.

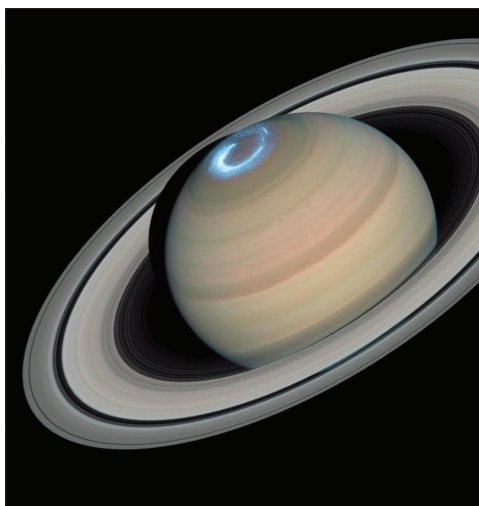
Museum Store

The Wild Things Museum Store carries a wide variety of fun and educational science and nature items, including a selection of useful teacher resource materials. Pre-packaged gift bags are available for school groups when reserved in advance.

Self-guided Visit

FEE \$7 per student • \$16 per adult. Groups of 10 or more

A self-guided tour of the permanent exhibits is included with any on-site reserved program.



Space Science

Virginia Skies – Grades K-12

Science SOLs vary by grade level

Explore the evening skies above Virginia, while a staff astronomer discusses seasonal constellations, visible planets and more.

Night of the Titanic – Grades 5-9

Science SOLs 5.6 6.5 ES.10

Investigate the demise of the famous ocean liner and discover how the loss of the Titanic has helped us learn more about Earth's changing climate today.

Two Small Pieces of Glass – Grades 5-12

Science SOLs 5.3 6.8 PS.9 ES.3

Journey through the history of telescopes, and how they have helped astronomers make astounding discoveries about the universe.

Lincoln: The Case of the Missing Moon – Grades 6-12

Science SOLs 6.8 ES.3 PH.3 PH.4

Along the way to solving a true 150-year-old mystery, students will learn about the Moon and its effects on the Earth.

Oasis in Space – Grades 6-12

Science SOLs 6.8 ES.3

Discover the uniqueness of our home planet as we tour through the solar system, seeking that most basic necessity for life – water.

Length of Program 45 minutes
Students 60 maximum
FEE (includes self-guided tour of permanent exhibits)
Contract Schools: Please call for information
Other Schools: \$9.75 per student (\$195 minimum)
September – February,
\$360 minimum March – June)

Environmental Labs

Amphibians and Reptiles

Science SOLs LS.1 LS.4 LS.8

BIO.1 BIO.4 BIO.6

Investigate structural and behavioral adaptations for feeding, locomotion and reproduction of these vertebrates.

Exploring with the Microscope

Science SOLs 6.1 LS.1

Explore the hidden micro world while practicing the fundamental skills of working with compound and dissecting microscopes.

Life in the Chesapeake Bay

Science SOLs LS.4 LS.6 LS.8 LS.9 BIO.4

BIO.6 BIO.8

Using live and preserved specimens, students identify and classify Bay organisms and investigate food pyramids and abiotic factors.

Pond Life

Science SOLs 6.1 6.5 6.7 LS.1 LS.4

LS.5 LS.6 BIO.1 BIO.4 BIO.8

Using specialized field equipment, students study the ecology of a pond by collecting aquatic organisms in their natural habitat.

Minerals

Science SOLs ES.1 ES.2 ES.4 ES.5

Examine rock and mineral specimens to identify and classify minerals and identify unknown minerals.

Vertebrate Biology

Science SOLs LS.1 LS.4 BIO.4 BIO.6

Biology comes to life in this comparative hands-on inquiry-based overview of the vertebrate classes.

Virginia's Prehistoric Past

Science SOLs LS.13 ES.2 ES.5 ES.7 ES.9 BIO.7

Discover evidence of colliding continents, ancient seas, volcanic upheavals and ice ages that were part of Virginia's prehistoric past.

Weather Studies

Science SOLs 6.1 6.3 6.6 ES.1 ES.2 ES.12

Equipped with anemometers, barometers and other scientific weather instruments, students conduct weather experiments.

Length of Program 1.5 hours
Students 30 maximum
FEE (includes self-guided tour of permanent exhibits)
Contract Schools: Please call for information
Other Schools: \$11.75 per student (\$275 minimum)

Science Safaris

Cave Ecology – Grades 7-12

Science SOLs LS.6 LS.8 LS.10 LS.11 ES.1

ES.2 ES.7 ES.8 BIO.1 BIO.4 BIO.8

Descend into the fascinating world of twilight zones and troglobites while exploring wild caves in western Virginia.

Chesapeake Bay Ecology – Grades 6-12

Science SOLs 6.1 6.3 6.5 6.7 6.9 LS.4

LS.6 LS.8 LS.9 LS.10 LS.11 BIO.1

BIO.4 BIO.6 BIO.8

Sein in shallow off-shore water and dip-net in a salt marsh to learn first-hand about the biology and ecology of the Bay.

Estuarine Ecology – Grades 7-12

Science SOLs LS.4 LS.6 LS.8 LS.9

LS.10 LS.11 BIO.1 BIO.4 BIO.6 BIO.8

From canoes, monitor salinity and other physical factors that affect the survival of creatures in the Chesapeake Bay.

Field Mineralogy – Grades 6-12

Science SOLs 6.1 6.4 PS.1 PS.2

ES.1 ES.2 ES.4 ES.5 ES.7

Collect and identify rock and mineral samples using diagnostic tests and then apply their data to interpret ancient environments.

Freshwater Aquatics – Grades 7-12

Science SOLs LS.4 LS.6 LS.8 LS.9

LS.11 BIO.1 BIO.4 BIO.6 BIO.8 CH.1

Canoe a freshwater ecosystem, collect and analyze data to identify factors that lead to eutrophication of aquatic ecosystems.

Paleontology – Grades 6-12

Science SOLs LS.4 LS.8 LS.13 ES.1

ES.2 ES.9 BIO.4 BIO.6 BIO.7 BIO.8

Collect, identify and analyze fossils to reveal the history of an ancient ocean environment that once existed in the Coastal Plain region.

Length of Program 6 - 12+ hours
(varies with destination)
Students 25 maximum
FEE Contract Schools: Please call for information
Other Schools: \$30 per student (\$650 minimum)
Cave Ecology (\$35 student/\$700 minimum)
Fuel surcharge may apply.
Safaris are field study programs. They do not include a self-guided visit to the Museum's exhibits.