



# We've got your K-5 Science Programs!



## 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.



## Classroom and Planetarium Programs

Length of Program 45 minutes  
 Number of Students 60 maximum  
 FEE (includes self-guided tour)  
 Contract Schools: Please call for information  
 Other Schools: \$12.50 per student  
 (\$212.50 minimum September – February, \$375 minimum March – June)

## Labs

Length of Program 90 minutes  
 Number of Students 30 maximum  
 FEE (includes self-guided tour)  
 Contract Schools: Please call for information  
 Other Schools: \$14.50 per student

## 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 \$18 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 free parking for buses and motorcoaches.

## Picnicking

Outdoor picnic tables for school groups are 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

\$10 for students K-5 • \$18 per adult. Groups of 10 or more

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

## Classroom Programs • Grades K-5

### Bay BCs – Grade K

Science SOLs K.1 K.2 K.7

Travel through the various habitats of the Chesapeake Bay, and see what types of animals live there. Learn ways to protect this important ecosystem by becoming environmental stewards for the Bay.

### Animal ABCs – Grades 1-2

Science SOLs 1.1 1.5 2.1 2.4 2.5

Surviving in the wild can be a challenge. Discover how different animals and their life cycles help them to survive in the wild.

### Water Critters – Grades 1-2

Science SOLs 1.1 1.5 2.1 2.5

Living in the water takes special skills. Find out how an animal's body shape, size, and covering can play a vital role to adapting to life in the water.

### Cycles of Survival – Grades 2-3

Science SOLs 2.4 2.5 2.7 3.1 3.4 3.8

Uncover how wild animals survive through hands-on activities that demonstrate their structural and behavioral adaptations.

### Thinking like a Scientist – Grades 2-3

Science SOLs 2.1 2.5 3.1 3.4 3.10

Develop science skills like observing, predicting, classifying and measuring while learning how wildlife biologists use these skills to protect sea turtle populations.

### Plants & Animals: Teamwork in Nature – Grades 3-4

Science SOLs 3.8 3.10 3.11 4.4 4.5

Connect with nature and discover how plants and animals rely on each other to live. Reflect on how humans are interconnected with plants and animals and understand how we can help protect them with everyday choices.

### Web of Life – Grades 3-4

Science SOLs 3.1 3.4 3.5 3.10 4.5

Let's start at the bottom of the food chain. Together we'll work to make a food web and discuss why different animals eat different things.

### Earth Under Foot – Grade 5

Science SOLs 5.1 5.4 5.7

Examine different igneous, sedimentary, and metamorphic rocks to better understand how the rock cycle works to form and alter rocks over time.

### Inside Skeletons! – Grade 5

Science SOLs 5.1 5.5

Check out what makes animals so amazing on the inside. Determine the differences between an exoskeleton and an endoskeleton while investigating real animal skeletons.

## Labs • Grades 3-5

### Wild, Water Planet

Grade 3

Science SOLs 3.1, 3.9, 3.10, 3.11

Splash through the water cycle while participating in hands-on experiments that demonstrate each stage. Make a real cloud in the classroom, discover how different soils impact water movement, and learn how water quality affects the health of amphibians.

### Pollination

Grades 4-5

Science SOLs 4.1, 4.4, 4.5, 4.8, 5.3, 5.5

Dissect a flower to discover its various parts while learning what role they play in pollination. Discuss the importance of pollination, how pollinators help, and ways we can protect and promote pollinators for healthy gardens.

### Rockin' Our Earth

Grades 4-5

Science SOLs 4.1, 4.3, 4.8, 5.1, 5.7

Dig into this exciting rock and minerals based lab. Test different samples of rocks and minerals for their hardness, streak and even conductivity. The results may shock you.

## Planetarium Programs • Grades K-5

### 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.

### Day and Night – Grades K-1

Science SOLs K.8 K.10 1.6 1.7

A staff astronomer will explain the relative motions of the Sun and Earth in a way that is easily understood by young students.

### Stacey Stormtracker – Grades 2-4

Science SOLs 2.6 2.7 3.8 3.9 3.11 4.6 4.7

Stunning imagery of planetary weather helps students understand and appreciate the forces behind our home planet's weather.

### Skies of Jamestown – Grades 2-4

History and Social Science SOLs 2.2 2.6 VS.1 VS.2 VS.3

Discover the dangers of ocean travel in the early 1600s and learn how important the stars were to two cultures.

### Assignment Earth – Grades 3-4

Science SOLs 3.8 3.9 3.11 4.8

This exciting and engaging program will help students learn about Moon phases, tides, Earth motions, seasons and more.

### Reasons for the Seasons – Grades 3-4

Science SOLs 3.8 3.11 4.8

A staff astronomer explains how the motions of the Earth make themselves evident to us on the ground and clears up misconceptions about how the seasons change.

### Worlds in Motion

Grades 4-6

Science SOLs 4.7, 4.8, 6.8

Explore why objects move across the skies of Earth, why Pluto is no longer a major planet, how fast you are moving when you're sitting still and other amazing topics...all connected by these worlds in motion.

### Two Small Pieces of Glass

Grades 5-12

Science SOLs 5.3, 6.8, PS.9, ES.3

Originally produced in celebration of the 400th anniversary of Galileo's groundbreaking work with his telescope, this program takes your students on a journey through the history of telescopes, how they are made, and how they have helped astronomers make so many astounding discoveries about the universe. A brief look at the current night sky is included.