

EDUCATION PROGRAMS 2021-2022

Education programs are supported in part by the
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Foundation



6 Reasons why your students should visit the Vanderbilt.

- 1 **Most technologically advanced planetarium on Long Island**
- 2 **Twenty-two wild-animal habitat dioramas**
- 3 **World's largest example of fish taxidermy: 32-foot whale shark**
- 4 **Significant natural history collections**
- 5 **Largest assemblage of privately-collected, pre-atomic era marine specimens**
- 6 **The historic mansion is a time capsule of the Great Gatsby Era**

Here's even more . . .

- The Suffolk County Vanderbilt Museum and Reichert Planetarium offer quality programs that meet the specific needs of K-12 educators in New York.
- Our educators use the Museum and Planetarium's unique resources to offer innovative programs that encourage students to learn by creating, listening to exciting stories, seeing new and amazing things, and through play and discovery.
- Many exhibition and program themes focus on the history of Long Island's Gold Coast. Between the 1890s and the 1930s, some of America's wealthiest families built more than 1,200 mansions along the North Shore.
- Programs are aligned with NYSED learning standards with special emphasis on STEM education and the Culturally Responsive-Sustaining (CR-S) Education Framework.
- Programs also concentrate on William K. Vanderbilt II's (1878-1944) desire that his marine, natural history, and ethnographic collections promote appreciation and understanding of the marvelous diversity of life, other cultures, and scientific knowledge.
- Planetarium programming, more specifically, focuses on scientific knowledge and seeks to capture Mr. Vanderbilt's sense of adventure and exploration through state-of-the-art entertainment.



PLANNING YOUR VISIT

School visits are by appointment only. To schedule a visit, call 631-854-5539 or write to dawn@vanderbiltmuseum.org

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Planetarium Education Coordinator
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We list only a handful of shows in this brochure, but we offer many more. We encourage you to visit our website for further information and teacher resources for all our offered programs.

www.vanderbiltmuseum.org

COVER PHOTO:
William Vanderbilt with fisherman Charlie Thompson, aboard motor yacht *Ara*, Galapagos Islands, 1925. Vanderbilt Archives photo.



SCHEDULE AND FEES

Fees

One-hour Museum program: \$8
Two-hour Museum program: \$12
One-hour Planetarium program: \$8
Extended Planetarium program
add \$4 per additional half-hour *

* School trips can be customized by adding 30-minute shows

Combination Tickets

One-hour Museum program and Planetarium show: \$13

Two-hour Museum program and Planetarium show: \$16

One complimentary admission will be issued for every 25 paid admissions that are booked on the same day of the school trip. There is a \$1.00 discount per person for trips in September, January, and February.

Schedule

One-hour Museum programs:
10:00 am, 11:15 am, and 12:45 pm

Two-hour Museum programs:
10:00 am and 12:15 pm

Planetarium shows:
10:00 am, 11:15 am, and 12:45 pm

COVID-19 Guidelines

The safety of our visitors is a priority. The Suffolk County Vanderbilt Museum follows health guidelines issued by the CDC, New York State, and Suffolk County. Masks are required to be worn indoors by all visitors.

MUSEUM PROGRAMS

Biomes (Virtual)

Grades 1 – 4 | One Hour

Explore the Stoll Wing dioramas with a museum educator and learn about adaptations, and the importance of protecting the planet.

Ocean Odyssey (Virtual)

Grades 3 – 6 | One Hour

Join an educator in the Hall of Fishes, explore the vertical distribution of ocean life, and examine preserved invertebrate, fish, and mammal specimens.

Science Safari

Grades Pre-K – 4 | One Hour

Tour the collections of the Memorial Wing and Stoll Wing wildlife dioramas and examine preserved mammal, reptile, and bird specimens.

Sea Search

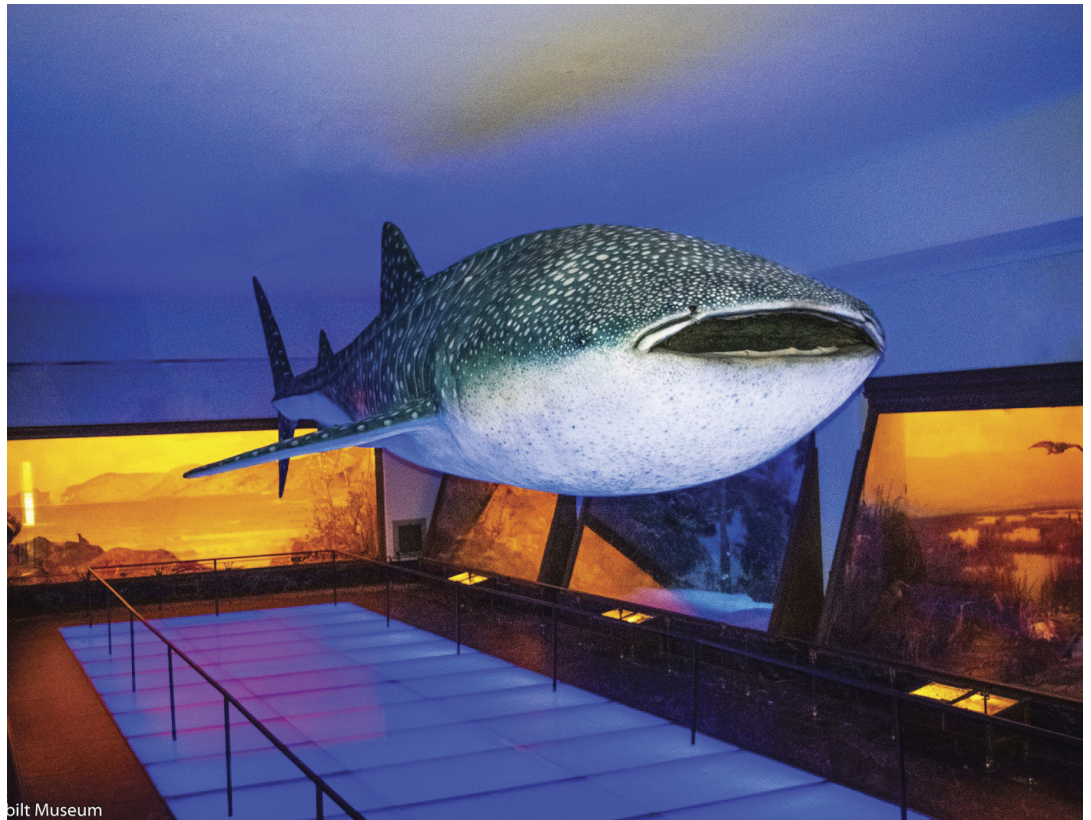
Grades Pre-K – 5 | One Hour

Tour the Hall of Fishes, learn about William Vanderbilt's expeditions to collect for his growing museum, and examine preserved invertebrate, fish, and mammal specimens.

Sharks

Grades 1 – 5 | One Hour

Visit the Hall of Fishes and wildlife dioramas to discover the fascinating variety of sharks in the world's oceans, examine preserved shark specimens, and create shark-tooth necklaces.



NEW PROGRAM

The Gold Coast

(Virtual & On-Site)

Grades 4 – 8 | One Hour

Tour one of the few remaining Gold Coast estates and discover William Vanderbilt's passion for automobile racing, yachting, and collecting.

The World of Mr. Vanderbilt

Grades 2-8 | One Hour

Explore the natural history collections and learn about William Vanderbilt's passion for automobile racing, exploration, and collecting for his growing museum.

NEW PROGRAM

The Vanderbilt Mummy

(Virtual & On-Site)

Grades 5 – 8 | One Hour

Explore a 21st Dynasty Egyptian mummy and coffin, examine x-rays, and learn about William Vanderbilt's visits to Egypt.

NEW PROGRAM

Young Environmentalist

(Virtual & On-Site)

Grades 3 – 5 | One Hour

Explore the collections and learn how global warming affects the planet's ecosystems, examine corals, and discover ways to help in your community.



Animal Habitats

Grades 1 – 4 | Two Hours

Tour the Memorial Wing and Stoll Wing, discover the diversity of life from the rainforests to the Sudan grasslands, examine preserved specimens, and create miniature dioramas.

Butterflies and Moths

Grades 2 – 4 | Two Hours

Students will use costumes to illustrate the characteristics of insects, search for specimens, and design their own lepidoptera.

Egyptian Mummies

Grades 5 – 8 | Two Hours

Students will examine a 21st Dynasty mummy and coffin, recent X-rays, and create hieroglyph bookmarks.

The Pacific Islands

(formally Hawaii and the South Pacific)

Grades 2 – 5 | Two Hours

Students will discover the cultures and nature of the islands of the South Pacific as they search for artifacts, examine preserved corals, and create model outrigger canoes.

Identification and Classification

Grades 4 – 8 | Two Hours

Visit the Hall of Fishes, examine preserved marine specimens, explore taxonomy, and create individual watercolor illustrations.

If Walls Could Talk: The Architecture of a Gold Coast Mansion

Grades 4 – 8 | Two Hours

Discover the eclectic personality of William Vanderbilt's summer residence, explore the Memorial Wing galleries, and search for architectural elements in the courtyard.

Marine Habitats

Grades 3 – 6 | Two Hours

Visit the Hall of Fishes, explore the vertical distribution of ocean life, examine preserved invertebrate, fish, and mammal specimens, and create watercolor illustrations.

The Netherlands to New York

Grades 4 – 8 | Two Hours

Come visit the summer residence and collections of William K. Vanderbilt II and discover how the Vanderbilt family contributed to the development of New York State.

Scientific Illustration

Grades 7 – 12 | Two hours

Tour the Hall of Fishes, explore the structure of preserved fish and marine invertebrates, learn about the methods of preservation used in the collections, and create detailed watercolor illustrations.

PLANETARIUM FULLDOME SHOWS

A “fulldome” show is a pre-recorded planetarium program with stunning, immersive visuals projected overhead on our 60-foot dome. Each show is 30 minutes long, and with the addition of a 30-minute live star talk by an astronomy educator, becomes one-hour long.

One World One Sky: Big Bird’s Adventure

Grades Pre-K – Grade 2

Elmo and Big Bird live in the United States, and Hu Hu Zhu lives far away in China. The trio discover they see the same stars at night, and on an imaginary trip to the Moon, they discover how different it is from Earth.

New! The Little Star That Could

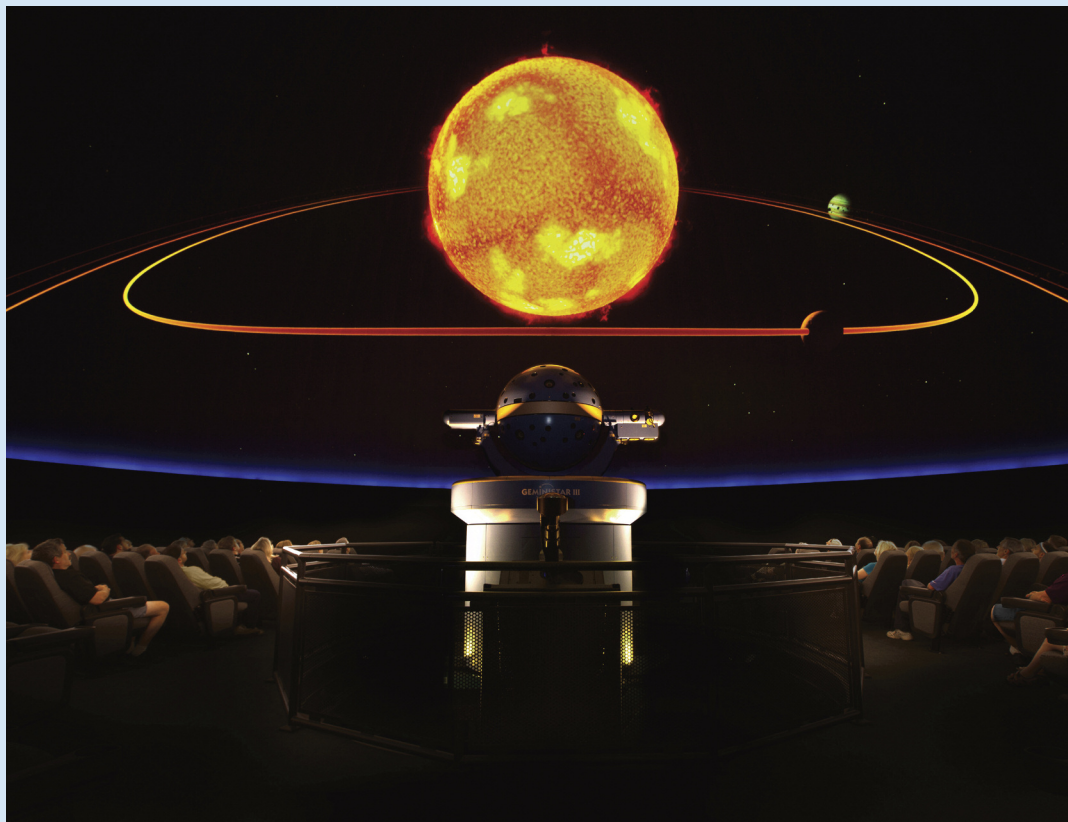
Grades 2 – 5

Little Star is an average yellow star in search of planets of his own to protect and warm. Along the way, he meets other stars, and learns what makes each type of star special. Eventually, Little Star finds and meets each of his planets.

Earth, Moon & Sun

Grades 3 – 6

Coyote, a character from Native American oral traditions, explores characteristics of the Earth, Moon, and Sun – including craters formed by asteroid and meteor impacts, Maria (seas), mountains, and NASA’s historic lunar landings – along with some common misconceptions.



Solar System Odyssey

Grades 4 – 8

Join a veteran spaceflight captain and young tech genius as they search for habitable environments among the planets and moons in our solar system.

Stars

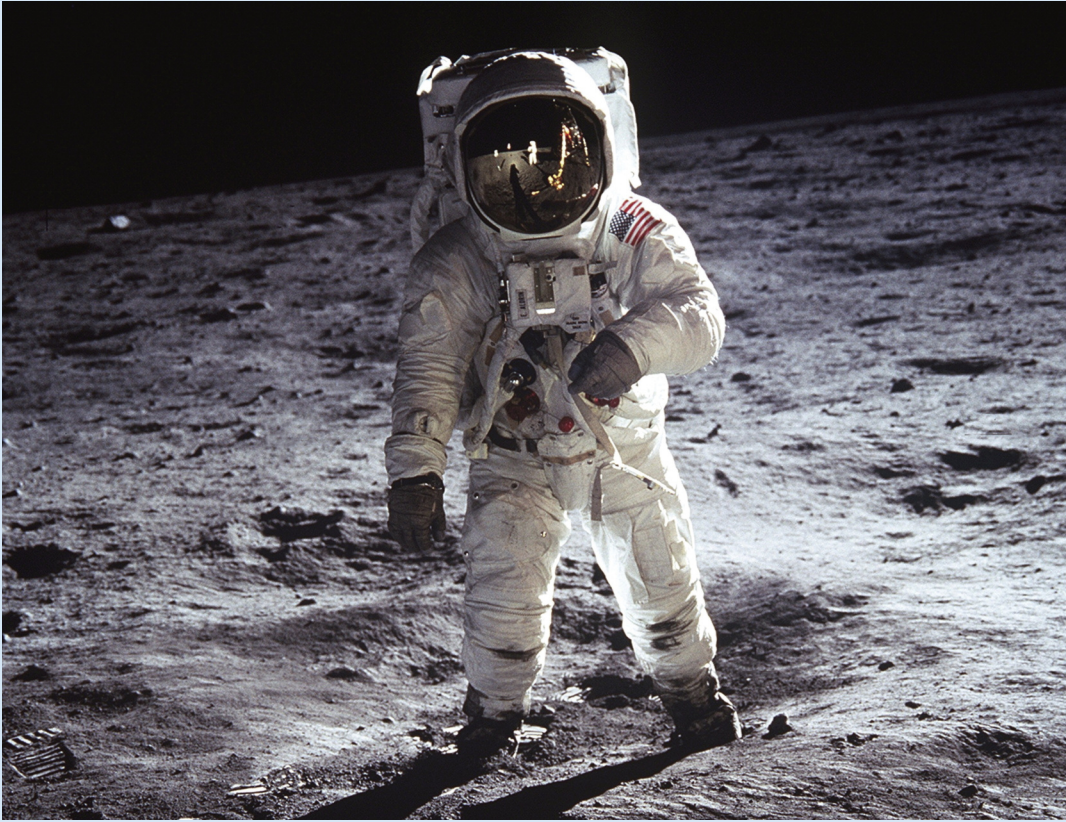
Grades 4 – 12

Narrated by Mark Hamill
Journey to the farthest reaches of the galaxy and experience both the awesome beauty and destructive power of Stars. Along the way, the constellation Orion the Hunter will guide students through the history of astronomy.

PLANETARIUM LIVE-LECTURE PROGRAMS – One Hour

All of our live-lecture programs are presented by a highly trained astronomy educator. Our live virtual programs can be presented using Zoom or Google Meet.

**Visit the most
technologically
advanced planetarium
on Long Island!**



Let's Look Up! (On-Site)

Grades Pre-K – K

This program encourages young students to observe and explore the world around them, and introduces them to the wonders of the sky. They will learn about clouds, storms, rainbows, the colors of the sky, and how Earth's rotation causes the changes between night and day. Learn how people looked at the night sky and drew constellations using the stars, and how some points of light aren't stars at all. Observe the changing shapes of the Moon over time and finally take a trip through the Solar System to visit and

learn about the planets.

Space Adventure to the Moon

(Virtual & On-Site)

Grades 1 – 3

This exciting show begins on Earth where students discover the water cycle, learn about different types of clouds, and find out how rainbows form and where to spot one. We then change our focus to our closest neighbor in space and explore the surface features and changing phases of the Moon. Finally, students learn about the historic Apollo 11 program and are whisked to the Moon themselves to watch real footage of scientific experiments and discuss upcoming lunar missions.

Meet the Planets

(On-Site)

Grades 1 – 3

Our Sun is a star that harbors a solar system full of planets, dwarf planets, and more. On this trip through the Solar System, students will learn how the Sun influences the planets and affects the water cycle on Earth. They also will watch the planets revolve around the Sun and see how Earth's rotation causes the changes between night and day. From the nighttime side of Earth, observe the constellations visible on the night of your visit, and learn how to distinguish planets from stars. Visit each planet, discuss their characteristics in depth, and observe the changing phases of the Moon.

Exploring the Solar System

(Virtual & On-Site)

Grades 4 – 6

Beginning on Earth, students will observe the constellations visible during the season of your visit and learn how to distinguish planets from stars in the nighttime sky. Our tour doesn't only take place on Earth—we will "blast off" to get a closer look at each destination in our Solar System. Students will witness the planets revolving around the Sun and discover how Earth's rotation and revolution affect our daily lives. We will visit the Sun, each planet, the asteroid belt, and more, discussing the characteristics of each location in depth before returning safely back to Earth.



Mansion | Museum | Planetarium

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