

# 2024-2025 Education Guide

At Imagination Station, we believe that live, in-person instruction and hands-on learning play an important role in a child's education. Our programs are designed to promote student investigation and critical thinking. Led by a museum educator, programs include age-appropriate activities and encourage student participation. All museum programs meet learning standards outlined in North Carolina's *Standard Course of Study*.

We are excited about bringing our educational programming to you again during this school year. We look forward to serving you with programs that interest your students and that supplement that great work you are doing at home & in the classroom with your students. Our 2024-2025 programs are listed below.

## **What Are the Options?**

### **Option 1 – Museum Visit**

Groups that want to visit the museum and not participate in a program are requested to notify the Imagination Station prior to the arrival date. Groups will self-guide through the museum. Visitors to the museum should wear closed toed shoes and clothing appropriate for climbing our rock wall. General admission will apply for the group:

**Adults, students, & seniors: \$6.00**

**Children 2 years and under: Free**

### **Option 2 – Museum Visit plus Student Programming**

Explore ISSHM before or after your group participates in a scheduled program. Programs must be scheduled at least two weeks prior to the arrival date. Once a program is booked, groups must pay one week before the arrival date. Groups can choose different programs to customize their trip. General admission to the museum is included in the program price. Discounts apply for groups booking more than one program. Pricing and student capacity can be found under each program description in this guide.

### **Option 3 – Bring the museum to your location with **Science & History on Wheels (SHOW)****

Field trips are not the only way to experience the Imagination Station. Let us come to you! No school bus required. Hubert-Vester Toyota of Wilson has generously provided the museum with a vehicle so science and history programs can come to your school, civic group, or family function. We will bring all materials needed to conduct exciting workshops, assembly programs, or discovery classes at your facility. **For locations greater than 75 miles from ISSHM, there must be a minimum purchase of \$350 in programs.**

SHOW programs range in price from \$200 to \$350, depending on the program and number of students served. If you are interested in multiple programs, a discount will be applied to any additional programs that you select. Please note that SHOW pricing will also include round trip mileage between your school and the museum. Mileage will not be charged for SHOWs within Wilson County.

Most programs offered at ISSHM are offered through Science and History on Wheels; if there are program exceptions, it is noted in the program description. **Due to set-up requirements, we ask that all programs be conducted in the same room.** Please call the Education Department at (252) 291-5113 x3 or email [education@imaginescience.org](mailto:education@imaginescience.org) to discuss SHOW programs and pricing.

### **To Schedule a Program or for Questions:**

Contact the museum by calling (252) 291-5113. You can also book online by visiting our website at <https://scienceandhistory.org/field-trips/>.

### **\*Group Minimum for a Program:**

The minimum to book a program is ten participants. If your group has fewer than ten (10) participants, you will still have to pay for ten participants. Adults may be counted as participants.

**Please note:** ISSHM cannot hold a date for a group without an official booking. When your program is booked, we will email you a program invoice and confirmation. ISSHM will also issue a reminder phone call prior to your program date.

## **Planning Your Visit**

### **Admissions & Payment:**

We accept cash, checks, Visa, and MasterCard credit cards. Payment is due no later than a week before the program and is the responsibility of the group leader. Groups will be required to pay the amount on their invoice, as well as for any additional guests. We are not able to issue refunds. Membership cards, military discounts, and school system discounts may not be used with group rates.

\*Please note that school purchase orders and billing requests will only be accepted with a signed contract, submitted no less than 10 business days prior to the program date.

### **Chaperones:**

ISSHM requires one chaperone for every ten students. Chaperones can be teachers, group leaders, assistants, administrators, or parents. Chaperones are responsible for the behavior and supervision of the group. Required chaperones and bus drivers receive free admission to ISSHM. Additional adults accompanying the group must be booked in advance, and their payment is due at the same time as the group's payment.

*Chaperones and adults are responsible for the behavior of their group and are required to always supervise and stay with their students during their visit or during Science and History on Wheels programs.*

### **Gift Shop:**

The museum gift shop is located on the 1st floor of our museum. Children with an accompanying adult are encouraged to visit our gift shop during their museum visit. When visiting the gift shop, please limit your group to 10 children and 2 chaperones at a time. Sales tax is included in all gift shop prices for your convenience.

### **Program Revision, Cancellations, or No Shows:**

Please review all confirmation materials carefully for accuracy and important information. If there are program revisions, changes to the number of attendees, or if the program must be cancelled, please notify ISSHM by phone **three business days prior** to your program; Monday - Friday, excluding holidays. A charge of \$50.00 will be applied to organizations that make changes or cancel their program(s) after the deadline. Messages left on voicemail or email will not be accepted as invoice revisions or cancellations. **Please note that we are unable to provide refunds on checks made out for more than the number of students attending the museum.**

### **Video Taping/Photographs:**

Recording and photographing of exhibits and programs is allowed in part but not whole. Please only record short clips of our program and not in its entirety, any still photographs are permitted. Be sure to share your experience on social media! Please tag us using our hashtag **#imaginationstationnc**

### **If you do not see a program or topic you are interested in:**

Let us know. We would be pleased to create a customized program tailored specifically for your needs. Many of our programs can be adjusted to align with high school standards, addressing various competency goals in STEM subjects.

## **Pre-K Programming : Fall 2024-Summer 2025**

Our preschool programs are designed to introduce children to various topics and ideas through hands-on learning. Programs are 30 – 45 minutes long.

Field trip:      \$10/per participant

SHOW :            \$200/per program

**Animal Encounters (PK)** - Students see live animals up close as we talk about what makes them different from humans and each other. Students have the opportunity to touch an animal pelt and one of the animals at the conclusion of the program. Serves up to 30. Recommended for grades: PreK-1st

*\*In-House Field Trip ONLY*

**Insect World (PK)** - Learn what differentiates insects from other animals as we look at how they eat, crawl, fly, and more! Serves up to 30. Recommended for grades: PreK-1st

**Digging in the Dirt (PK)** - Step back in time to learn about these amazing prehistoric creatures! Students learn about paleontology as they explore what fossils can tell us about dinosaurs. Serves up to 30. Recommended for grades: PreK-1st

**Pop, Fizz, Wow!** - This exciting program explores the world of chemical reactions. We make elephant toothpaste, fill balloons with various gases to compare, and make carbon dioxide! Serves up to 30. Recommended for grades: PreK-1st

**A Pirate Adventure** - Explore the golden age of piracy as we explore life on a ship, weaponry, and navigation techniques such as sextants, compasses, and spyglasses. Students learn about historic pirates of North Carolina and create their own pirate flag. Serves up to 30. Recommended for grades: PreK-1st

## **Science Education Guide: Fall 2024-Summer 2025**

Our staff takes great care to consider the North Carolina's Standard Course of Study for science. Programs include age-appropriate activities and encourage student participation. All programs meet learning standards outlined in North Carolina's Standard Course of Study for grades K through 8th.

### **Biology & Life Science Classes:**

We offer programming for students ranging from kindergarten to 8th grade following state standards. These cover a wide range of scientific topics and ideas. Programs range from 45-60

minutes long.

**Animal Encounters** - Students see live animals up close as we talk about adaptation, classification, food, and habitats. Students have the opportunity to touch an animal pelt and one of the animals at the conclusion of the program. Serves up to 75. Recommended for grades: K-5th

NC Standards met: LS.K.1.1, LS.K.1.2, LS.1.1, LS.2.1, LS.2.2, LS.4.1, ESS.4.3, LS.5.1, LS.5.2, LS.5.3

Field trip: \$10/per participant *In-House Field Trip ONLY*

**Insect World** – Students investigate the largest group of animals on the planet (75% of known species), insects. Students learn how insects see, fly, eat, and more. One lucky student will get to experience life as a bug. Serves up to 30. Recommended for grades: K-2nd

NC Standards met: LS.K.1.1; LS.K.1.2, LS.1.1, LS.2.1, LS.2.2, LS.4.1, LS.5.2, LS.6.2

Field trip: \$10/per participant SHOW : \$250/per program

**Whooo's Food** – Investigate the food chain and food webs throughout ecosystems. Students will be able to dissect an owl pellet to see whooo's been eaten! In the game of predator and prey, someone has to lose. Serves up to 30. Recommended for grades: 1st-8th

NC Standards met: LS.K.1.1; LS.K.1.2, LS.1.1, ESS.1.3, LS.2.1, LS.2.2, LS.3.2, LS.3.3, LS.4.1, ESS.4.3, LS.5.2; LS.5.3, LS.6.2, LS.8.2

Field trip: \$15/per participant SHOW : \$280/per program

**Plant Life Cycles** – Investigate plant life cycles with us as we talk about seed dispersal, dissect plants, and make paper samaras. Students will be able to dissect different types of plants to investigate just how they work! Serves up to 30. Recommended for grades: 1st-6th

NC Standards met: LS.1.1.1, ESS.1.3, LS.2.1, LS.2.2, LS.3.2, LS.3.3, LS.4.1, LS.5.2, LS.6.1, LS.6.2

Field trip: \$12/per participant SHOW : \$275/per program

### **Physical Science Classes:**

We offer programming for students ranging from kindergarten to 8th grade following state standards. These cover a wide range of scientific topics and ideas. Programs range from 45-60 minutes long.

**Space is the Place** – Participants will delve into humanity's pursuit of space exploration, beginning with the Apollo program and extending to the Artemis missions and beyond. We will embark on a brief journey through our solar system, focusing on the exploration of the Moon, Mars, and other celestial bodies. Additionally, we will examine how rockets enable us to break free from Earth's orbit, and will have the opportunity to create and test our own. Serves up to 30. Recommended for grades: 1st-7th

NC Standards met: PS.1.1, ESS.1.1, PS.3.2, PS.3.3, PS.5.2, PS.6.1, PS.6.2, PS.7.1, PS.7.2

Field trip: \$12/per participant SHOW : \$275/per program

**Pop, Fizz, BOOM!** – In one of our most popular programs, we explore the properties of matter. Volunteers assist with experiments showing physical and chemical changes, including both endothermic and exothermic reactions. In each experiment we test gases produced by observing how they react with fire. Even teachers have a blast! Serves up to 75. Recommended for grades: 2nd-8th

NC Standards met: PS.K.1, PS.2.1, PS.3.1, PS.3.3, PS.5.1, PS.6.1, PS.8.1

Field trip: \$10/per participant    SHOW : \$250/per program

**Phenomenal Physics** – What makes an object move? It is all a matter of physics! We use Newton’s Laws of Physics to explore force, motion, and gravity. Serves up to 75. Recommended for grades: 1st-7th

NC Standards met: PS.K.2, PS.1.1.2, PS.3.2, PS.3.3, PS.4.1, PS 5.1, PS.5.2, PS.7.1, PS.7.2

Field trip: \$10/per participant    SHOW : \$250/per program

**Catch the Wave** – Light allows us to see our world and perceive visual information. Sound allows us to hear and communicate. How do waves travel? This class uses the study of light and sound to introduce the concept and properties of waves. Serves up to 30. Recommended for grades: 2nd-6th

NC Standards met: PS.2.2, PS.4.2, PS.4.3, PS.6.3

Field trip: \$10/per participant    SHOW : \$250/per program

### **Earth Science Classes:**

We offer programming for students ranging from kindergarten to 8th grade following state standards. These cover a wide range of scientific topics and ideas. Programs range from 45-60 minutes long.

**Digging in the Dirt: Archaeology & Paleontology** – Students learn the difference between archaeology and paleontology and the importance of context as they examine artifacts and fossils. Students hunt for fossils in matrix from the Miocene epoch and get to keep their finds! Serves up to 40. Recommended for grades: 1st-8th

NC Standards met: ESS.1.2, LS.4.2, ESS.4.2, LS.5.2, ESS.8.1, LS.8.3

Field trip: \$12/per participant    SHOW : \$275/per program

**Earth Rocks** - Join us for an exploration of our planet! We will delve into the various layers of the Earth, understand the rock cycle, examine tectonic plates, and take a close look at rock samples. This promises to be an engaging learning opportunity in geology. Serves up to 30.

Recommended for grades: 1st-6th

NC Standards met: ESS.1.2, ESS.1.2.2, ESS.3.2, ESS.4.2, LS.4.2, ESS.6.2

Field trip: \$12/per participant    SHOW : \$275/per program

**Weather-or-Not** - This “hair-raising” experience exposes how weather works. We explore why weather happens and the various types of weather. Students participate in demonstrations that explore rainbows, wind, the water cycle, cloud formations, and lightning. Serves up to 75.

Recommended for grades: K-5th

NC Standards met: ESS.K.1, ESS.1.1, PS.2.1, ESS.2.1, ESS.5.1

Field trip: \$12/per participant    SHOW : \$275/per program

### **Dissections:**

Dissection classes allow students to investigate the anatomy of various animals. Dissections begin with an introduction to the specimen species and phylum. An educator then leads students through a dissection. Please book dissections 2 weeks in advance to guarantee specimen availability. 10 – 30 students are required per dissection. Students are required to wear closed-toe

shoes and to ensure that their hair is secured away from their faces. 60-90 minutes.  
Recommended for grades: 3rd-12th

*\* Prices vary based on specimen costs. Please complete an inquiry form or contact the museum for pricing information.*

### **Science on a Sphere® Discovery:**

Science On a Sphere® (SOS) is a six-foot diameter globe that illustrates earth system science using data from the National Oceanic & Atmospheric Administration (NOAA). SOS displays global storms, tsunami wave tracks, real-time weather. It can also display planets, moons, and the Sun. If you would like specific focus on topics from the programs listed below, customized programs are available with at least three days' notice. Student worksheets are handed out with each program. Each program is approximately 30 minutes. Minimum 10; Maximum 40.

Recommended for grades: 1st-8th

Field trip:      \$10/per participant      *\*In-House Field Trips ONLY*

**Plate Tectonics** - Students discover plate tectonics by viewing plate boundaries and the geologic activity that occurs there. We discuss the theory of continental drift, plate movements, earthquakes, volcanoes, tsunamis, and deep-sea vents.

NC Standards met: ESS.1.2, ESS.3.2, ESS.4.2.3, ESS.6.2.2, ESS.6.3, ESS.8.1

**Space and the Solar System** - Students take a tour of space without leaving the museum. They learn about the sun, planets, and select moons that make up our solar system. We also explore galaxies, exoplanets, stars and constellations in deep space.

NC Standards met: P.S.1.1, ESS.1.1, ESS.3.1, PS.3.2, ESS.4.1, PS.5.2, ESS.6.1

**Weather** - NOAA's SOS is an amazing tool for learning about, discussing, and discerning weather and weather patterns. Watch real-time satellite weather, follow air currents, and observe fronts and storms brewing.

NC Standards met: ESS.K.1, ESS.1.1, PS.2.2, ESS.2.1, ESS.4.1, ESS.4.2, ESS.5.1, ESS.7.1, ESS.7.2

### **STEM Engineering:**

**Wind Turbines and Green Energy** - Students learn the meaning and importance of clean and green energy. We discuss how wind energy is harnessed, its advantages and disadvantages. Working in small groups, students design and build wind turbines. They then measure wind energy outputs using volt meters to choose the best design. Serves up to 30. Recommended for grades: 4th-11th

NC Standards met: PS.4.1, PS.4.2, ESS.4.3, ESS.5.1, PS.7.1, PS.7.2, ESS.8.4

Field trip:      \$17/per participant      SHOW : \$300/per program

## **History Education Guide: Fall 2024-Summer 2025**

Our history programs are designed to promote student investigation and critical thinking. Programs include age-appropriate activities and encourage student participation. All programs meet learning standards outlined in North Carolina's Standard Course of Study.

## **School Age History Programs**

Our history programs are designed to teach your student to think like historians as they explore various time periods in North Carolina's past. Programs are differentiated by grade level in accordance with NC Essential Standards. \*Please specify if you would like certain standards addressed in our program. Presentations are action-packed and rely on volunteers from the audience. Programs are 45 minutes.

**A Pirate's Life for Me** – Students explore the Golden Age of Piracy as they learn about life on a ship, weaponry, and navigation use a sextant to navigate the seas from the Carolinas to the Caribbean. Students learn about historic pirates of North Carolina. Serves up to 75.

Recommended for grades: 2nd-6th

NC Standards met: K.H.1, 1.G.1, 2.H.1, 3.G.1, 3.H.1, 6.C&G.1

Field trip: \$10/per participant    SHOW : \$250/per program

**Digging in the Dirt** - Archaeology & Paleontology – Students learn about the past by exploring just below the surface. Students learn the difference between archaeology and paleontology and the importance of context as they examine artifacts and fossils. Students interpret archaeological sites and search for fossils. Serves up to 30. Recommended for grades: 2nd-8th

NC Standards met: ESS.1.2, LS.4.2, ESS.4.2, LS.5.2, ESS.8.1, LS.8.3

Field trip: \$12/per participant    SHOW : \$275/per program

**Life in Colonial North Carolina** - Students discover what life was like for the first North Carolinians. We focus on colonial society, clothing, jobs, diet, government, religion, and relationships with Native Americans. We study the Tuscarora tribe and how it was affected by the arrival of European settlers. Students can handle Native American artifacts from the Coastal Plain region. Serves up to 75. Recommended for grades: 3rd-5th

NC Standards met: K.H.1, 2.G.1, 2.H.1, 3.B.1, 3.E.1, 3.G.1, 4.B.1, 4.H.1, 4.G.1, 5.B.1, 5.G.1, 5.H.1

Field trip: \$10/per participant    SHOW : \$250/per program