

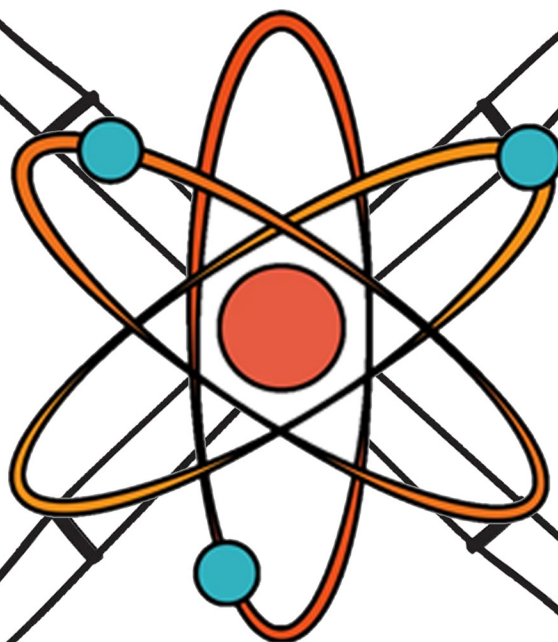
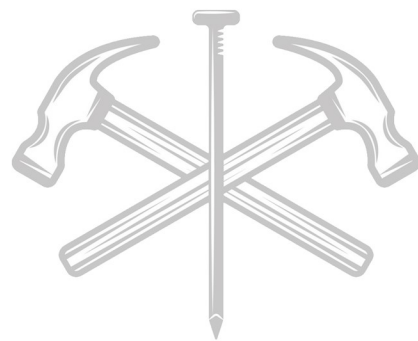
KidSenses

CHILDREN'S INTERACTIVE MUSEUM



The Factory!

A PLACE TO MEET AND MAKE



Educator's Guide

Our Philosophy

“Play is often talked about as if it were relief from serious learning. But for children, play is serious learning. Play is really the work of childhood.”

— Fred Rogers

KidSenses Children’s **INTERACTIVE** Museum and The FACTORY gives youths the freedom to make sense of their world through play and hands-on learning. Both facilities feature a combined total of over 20 exhibit spaces to captivate the imagination and educate the mind.

Our world-class STEAM program experiences complement classroom studies, make learning FUN, and ignite wonder in children of all ages.

All of our program experiences complement the NC and SC Standard Course of Study



Our Facilities

KidSenses



Ideal for children of crawling age to approximately age 10.

Programming available for Pre-K—8th grade.

The FACTORY



NEW FACILITY COMING SOON!

Ideal for youths 10+.

Programming **NOW** available for K —12th grade.

I want...



Field Trips

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What is a Field Trip?

KidSenses Children's Museum and The FACTORY offer field trips to a variety of community based organizations and educational institutions including schools, preschools, daycares, camps, libraries, and similar facilities.

A field trip group consists of **ten or more** children or students in addition to their chaperones. A field trip reservation must be made at least **two weeks** in advance.

One adult chaperone is required for every five (5) students.

Admission Type:	Student Rate:	Educator Rate:	Chaperone Rate:
Museum admission*	\$6.08	FREE	\$4.21
Museum admission* + Tier 1 program	\$12.08	FREE	\$4.21
Museum admission* + Tier 2 program	14.08	FREE	\$4.21
Museum admission* + tour or private exhibit experience (contact us for more information)	\$12.08	FREE	\$4.21

* Museum admission is subject to sales and use tax. Programs and tours are \$6 per student and non-taxable. Bus and van driver admission is free.

Ready to Book?

Call our Office Manager at (828) 286-2120 or email reservations@kidsenses.org

Program Information

KidSenses Children's Museum and The FACTORY offer two standard styles of programming*:

Assemblies: Assembly style programs are highly visual and engaging demonstration-based interactive presentations made to accommodate larger groups. Field trip fees are \$6 per child per program for Tier 1 programs and \$8 per child for Tier 2 programs.

Workshops: These programs are small group, hands-on activities where all children get to participate in an experiment or activity. Field trip fees are \$6 per child per program for Tier 1 programs and \$8 per child for Tier 2 programs. **Workshops are restricted to a maximum of 25 students per session.**

KidSenses Children's Museum and The FACTORY programs are designed for a variety of grade and skill levels. Use the key below to find the best program for your group!



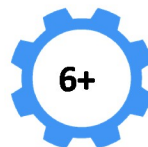
Programs with a **black** gear are optimal for Pre-K aged students



Programs with a **red** gear are optimal for third through fifth grade students



Programs with a **yellow** gear are optimal for Kindergarten through second grade students



Programs with a **blue** gear are optimal for students 6th grade and up

***Outreach:** Please note that all outreach programs (workshop or assembly) are subject to the federal mileage rate per mile for round trip travel to and from the program location.



Assemblies



Blow It Up! | Length: 30 minutes | Outreach Cost: \$250



Students will EXPLODE into learning with this highly flammable show! Detonate their minds while a live performance demonstrates chemical reactions!

The Human Dynamo | Length: 30 minutes | Outreach Cost: \$200



Students will get an up-close and personal look inside of a giant Stuffee doll as we discover how our body works through exciting demonstrations. Students will even get to see real organs!

Science Shenanigans | Length: 45 minutes | Outreach Cost: \$275



What is science? How can you find it? Your students will be in for the thrill of a lifetime as we conduct multiple science demonstrations that bring chemistry and physics alive! **Field trip minimum of 30 students.**

Seasons of Science | Length: 45 minutes | Outreach Cost: \$275



Let's discover the science of the four seasons! Together, we'll conduct multiple science demonstrations that illustrate traits of the 4 seasons. From the parts of a plant to subzero eruptions, this assembly has it all! **Field trip minimum of 30 students.**

The SubZERO Effect | Length: 30 minutes | Outreach Cost: \$225



Show your students that science can be cool—really cool! About 322 degrees below zero cool! Using liquid nitrogen, we'll shatter a ball, make an explosion, and examine the three states of matter!

Super Sonic Light Speed | Length: 30 minutes | Outreach Cost: \$150



Your students go on a super-sonic adventure as we discover how light and sound work through several dazzling demonstrations!

Spooky Science (SEASONAL) | Length: 30 minutes | Outreach Cost: \$325



Get into the Halloween spirit with a series of mind blowing, spooky experiments! A KidSenses Mad Scientist will wow the audience with electrifying lightning, ghostly smoke rings, and puking pumpkins! **(Tier 2)**

Don't see a program you're looking for? Ask about our special listings! From animal encounters to magically shrinking polymers, we are sure to have a program that meets your needs!



Workshops



Aero-Blast: The Science of Flight | Length: 1 hour | Outreach Cost: \$200

Explore the nature of things that fly and discover how rocket launches work through hands-on flight activities. Students will design, test, and evaluate the success of their own flying vehicles.

Art with Artie | Length: 30 minutes | Outreach Cost: \$150

Art, coding, and robotics all blend together in this exciting program! Students will learn to program an Artie Bot to draw a work of art to take home!

Bot-Tastic Time: A Robotics Series | Length: 1 hour | Outreach Cost: \$250

Explore the wonderful world of robotics! Students will create, build, and program a series of robots. These exciting workshops are designed to stimulate critical thinking skills in a creative environment.

Bouncing Bristles | Length: 30 minutes | Outreach Cost: \$275

Students can enjoy their first robotics journey, or test their existing robotics skills in this wiggly workshop. Students will learn to build a dancing bristle bot of their own! **(Tier 2)**

Bubble Science | Length: 30 minutes | Outreach Cost: \$150

Why do bubbles float and pop? Students will learn the answers to these questions while trying out different bubble blowers and attempting to make their own giant bubble!

Circuitry 101 | Length: 30 minutes | Outreach Cost: \$250

Students will explore Makey-Makeys, tinker with motors, and participate in simple engineering design activities created to challenge and engage your students while fostering creativity!

Colorful Connections | Length: 30 minutes | Outreach Cost: \$150

Students will explore primary, secondary, and tertiary colors while mixing their own using color wells! Students will also have a take home jelly surprise!

Diary of a Worm | Length: 30 minutes | Outreach Cost: \$150

Discover the wonderful world of Doreen Cronin's "Diary of a Worm" in an exciting way! We will read the story, interact with REAL worms, and create a polymer worm to take home.

Egg-Citing Design | Length: 1 hour | Outreach Cost: \$200

"CNC CAD design and production" sounds complicated, but we make it easy! Participants will create a personal logo that they will transcribe to a ping pong ball using EggBot CNC technology!

Fantastic Plants | Length: 30 minutes | Outreach Cost: \$175

Why are plants green? What do they need to grow? Students will discover the power of nature by participating in plant dissections and terrarium creation!



Workshops



Forces in Motion | Length: 30 minutes | Outreach Cost: \$150



Be amazed as students construct mini gravity vehicles to discover the relationship between force, mass, and acceleration!

Matter, Matter Everywhere | Length: 30 minutes | Outreach Cost: \$175



Students will explore the characteristics and relationships between the three common states of matter through a series of hands-on experiments. They will even learn to create ooey, gooey slime!

Naturally ART-ificial | Length: 1 hour | Outreach Cost: \$250



Foster creativity and critical thinking through the creation of a nature inspired robot! Students will gain an understanding of the engineering design process and circuitry. **(Tier 2)**

Pixel to Pen | Length: 1 hour | Outreach Cost: \$250



Explore the world between play and fabrication in this engaging hands-on program, where students will learn basic 3D printing CAD design and produce their own 3D printed project. **(Tier 2)**

Scrap Yard Studio | Length: 1 hour | Outreach Cost: \$250



Using an assortment of recycled parts, cardboard, scrap pieces, and "junk," participants will design, prototype, and build simple inventions while learning to safely master an assortment of hand tools.

Soft Skills Series | Length: 30 minutes | Outreach Cost: \$150



Students will build essential skills like communication, teamwork, critical thinking, and conflict resolution, providing them with the competencies to stand out to future employers and foster future success.

Solar Circuit Creepy Crawlies | Length: 30 minutes | Outreach Cost: \$200



This program is perfect for renewable energy robotics beginners! Students will decorate and assemble solar powered bugs to take home! **(Tier 2)**

Structurally Speaking | Length: 45 minutes | Outreach Cost: \$200



Have you ever wondered why structures are created using different designs and materials? Participants will explore structural engineering through a team-style tallest tower competition.

Weather all Around us | Length: 30 minutes | Outreach Cost: \$150



What is weather, and why does it happen? Students will explore these questions along with the water cycle, cloud formation, and more! Students will also create their own cloud in a bottle!

You Name it | Length: 30 minutes | Outreach Cost: \$200



If you like it then you better put your name on it! This fun interactive workshop allows students to design, craft and light up their own LED name tags. **(Tier 2)**

Planetarium

Explore the many wonders of outer space inside the KidSenses' Portable Planetarium! This exciting inflatable environment provides a state of the art portable planetarium experience, and only requires a indoor 25 x 25 ft. space, 12 ft. ceiling clearance, and basic power access.

OUTREACH ONLY

Earth, Moon, and Sun! | Length: 45 Minutes



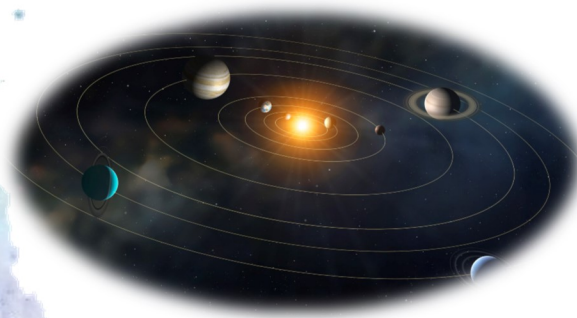
This planetarium show explores the relationship between Earth, Moon and Sun with the help of Coyote, an amusing character adapted from Native American oral traditions. Learn the basics of fusion and solar energy and why the Sun rises and sets. Examine the Moon's orbit, craters, phases and eclipses. You'll even take a look at past and future space travel to our Moon ... and beyond! Earth, Moon & Sun was produced by the UNC Morehead Planetarium and Science Center.



Ring Around the Planets | Length: 45 Minutes



Join us as we travel at the speed of light through our solar system and learn all about the planets. We'll swing by several "Gas Giants" and "Rocky Midgets." We'll also explore the phases of the moon.



Show Prices

One Show	\$150
Two Shows	\$225
Three Shows	\$300
Four Shows	\$375
The planetarium can accommodate up to 25 people per presentation	

General Information

Chaperones

KidSenses requires adult chaperones with all student field trips. One adult chaperone is required for every five (5) students. **Chaperones and teachers must supervise students at all times.**

NC and SC Educational Standards

All of our interactive program experiences are designed to complement the **North Carolina and South Carolina Essential Standards and CTE standards**. All standards encompassed by each program are listed in the Educator's Guide Appendix. Contact museum staff for more details.

Field Trip and Outreach Reservations

To book your visit, please contact the Office Manager at (828) 286-2120 or email reservations@kidsenses.org. **Scheduling must take place at least two (2) weeks prior to your visit.**

Gift Shop and Discovery Bags

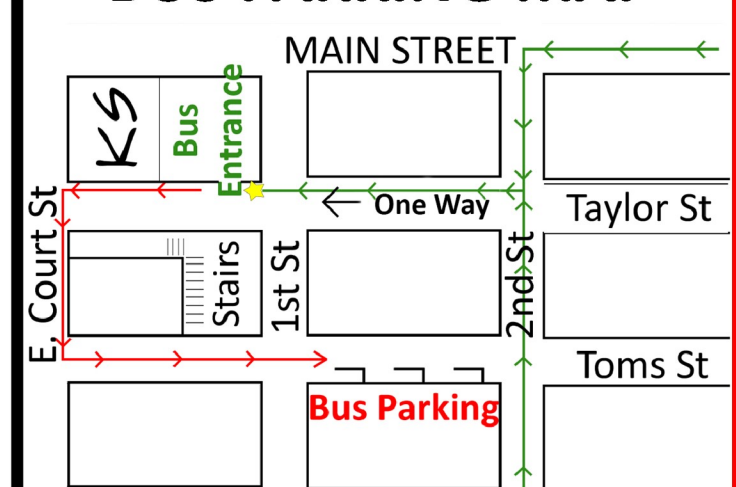
The museum Gift Shop offers a wide variety of cool merchandise for children of all ages. Each item is a carefully chosen motivator of learning, as well as a souvenir of your trip to KidSenses. **Want to skip the line?** When booking your reservation, ask us about pre-filled Discovery Bags

Museum Location

**KidSenses Children's Museum is located at
172 N. Main Street in Rutherfordton, North Carolina.**



BUS PARKING MAP





Postage
Stamp

**172 North Main Street
Rutherfordton, North Carolina 28139**

**Reserve
your spot
today!**

