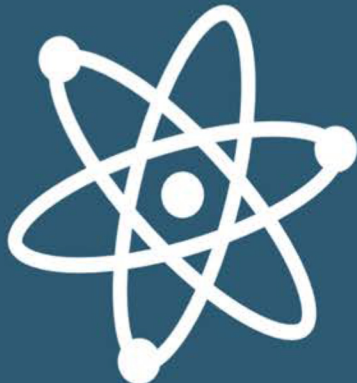




EDUCATOR'S GUIDE

2021-2022



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+c



KidSenses

CHILDREN'S INTERACTIVE MUSEUM



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 gives children the freedom to make sense of their world through play. We feature over 20 hands-on exhibits designed to captivate the imagination and educate the mind.

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

All of our program experiences complement the NC Essential Standards for Science and the South Carolina Science Academic Standards.





I want...

to bring my
group to the
museum!

Field Trips

- 3 Group Admission Rates
- 4 Large Group/Assembly Programs
- 5 Hands-On Workshops
- 6 The ZAP! Theater & Healthwise Lab

the museum to
come to me!

Outreach Programs

- 7 Large Groups/Assembly Programs
- 9 Small Group Workshops
- 10 Planetarium Shows

more information
about the
museum!

General Information

- 11 NC and SC Science Standards
- 11 Directions/Bus Parking Map
- 11 Museum Gift Shop

Field Trip Experiences

Come to the museum!

KidSenses Children's **INTERACTIVE** Museum offers field trips to a variety of community-based organizations and educational institutions, such as public and private schools, daycares, preschools, day camps, community facilities, libraries, charitable organizations, and church/religious groups.

WHAT IS A GROUP?

A group consists of **ten or more** paying visitors who have made reservations at least two weeks in advance. Groups without reservations and accompanying forms will not be admitted at the group rate.
One adult chaperone is required for every five (5) students.

Admission	Student	Teacher	Chaperone
MUSEUM ADMISSION†	\$5	FREE	\$3
MUSEUM ADMISSION† + PROGRAM	\$10	FREE	\$3
MUSEUM ADMISSION† + DISCOVERY GARDEN		FREE	\$3

† Museum admission is subject to sales and use tax. Program and Discovery Garden tours are \$3 per student and non-taxable. Bus and Van Driver admission is free.

Hours	June - August							September - May						
	S	M	T	W	TH	F	SA	S	M	T	W	TH	F	SA
	CLOSED	9-5	9-5	9-5	9-5	9-5	9-5	CLOSED	CLOSED	9-5	9-5	9-5	9-5	9-5

READY TO BOOK?

Call the Reservations Coordinator at
(828) 286-2120 or e-mail reservations@kidsenses.org
 Reservations can be made Monday - Friday from 9am - 5pm.

Assembly Programs

Designed for large groups.



Our action-packed **Assembly Programs** include dynamic, inquiry-based activities that engage students and require audience participation. Program activities captivate the imagination and ignite wonder in children of all ages!

All of our programs are age-appropriate and complement the NC Essential Standards for Science and the SC Academic Standards for Science.



Blow it up!

Grade Level: 2nd – 5th // Length 30 Minutes // \$200
Students will EXPLODE into learning with this highly flammable show! Detonate their minds while a live performance demonstrates chemical reactions!

NC: 2.P.2.1, 3.P.2.1, 3.P.2.2, 3.P.2.3, 3.P.3.1, 3.P.3.2, 4.P.2.1, 4.P.3.1, 5.P.3.15.P.3.2, 6.P.2.1, 6.P.2.2, 6.P.2.3, 6.P.3.1, 8.P.1.1, 8.P.1.3

Science Shenanigans

Grade Level: K – 8th // Length: 30 Minutes // \$250

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!

NC: K.P.2.1, 2.P.2.1, 3.P.2.1, 3.P.2.2, 3.P.2.3, 3.P.3.1, 3.P.3.2, 4.P.2.1, 4.P.3.1, 5.P.2.3, 5.P.3.1, 5.P.3.2, 6.P.2.1, 6.P.2.2, 6.P.2.3, 6.P.3.18.P.1.1, 8.P.1.3

Seasons of Science

Grade Level: K – 8th // Length: 45 Minutes // \$150

Let's discover the science of the 4 seasons! Together we'll conduct multiple science demonstrations that illustrate the four seasons. From the parts of a plant to subzero explosions, this assembly has it all!

NC: 6.E.1.1

Super Sonic Light Speed

Grade Level: K – 8th // Length: 30 Minutes // \$150

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

NC: K.P.2.1, 2.P.1.1, 2.P.2.24.P.3.1, 4.P.3.2, 6.P.1.1, 6.P.1.2, 6.P.1.3

The Human Dynamo

Grade Level: K – 5th // Length: 30 Minutes // \$150

Students will have the opportunity to get an up-close and personal look inside of a giant Stuffed doll as we discover how our body works through exciting demonstrations with real organs!

NC: 1.L.1.1, 3.L.1.1, 3.L.1.2, 4.L.2.1, 4.L.2.2, 5.L.1.1, 5.L.1.2

The SubZERO Effect

Grade Level: K – 8th // Length: 30 Minutes // \$175

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

NC: K.P.2.1, 2.P.2.13.P.2.1, 3.P.2.23.P.2.3, 3.P.3.1, 3.P.3.2, 4.P.2.1, 4.P.3.1, 5.P.3.1, 5.P.3.26.P.2.1, 6.P.2.2, 6.P.2.3, 6.P.3.1, 8.P.1.1, 8.P.1.1, 8.P.1.3

WATT's Current?

Grade Level: 2nd – 8th // Length: 30 Minutes // \$150

Your Students' hair will stand on end as we perform several shocking experiments using our Van de Graaff generator and tesla coils! We'll even make a giant circuit and create an electromagnet!

NC: 3.P.3.1, 4.P.1.1, 4.P.1.2, 7.P.2.3



Workshops

Designed for small groups.



Our **Workshops** complement your classroom studies by providing a personal, hands-on approach to learning. Students will have the opportunity to participate in multiple activities.

All of our programs are age-appropriate and complement the NC Essential Standards for Science and the SC Academic Standards for Science. All workshops can accommodate up to 25 students per session.



Becoming a Butterfly

Grade Level: Pre- K – 3rd // Length: 30 Minutes

Where do butterflies come from? How do they live and grow? Your students will discover how butterflies develop and help the earth!

NC: K.E.1.1, K.L.1.1, K.L.1.2, 1.L.1.1, 1.L.1.2, 2.L.1.1, 2.L.1.2, 2.L.2.1, 2.L.2.2

Bubble Science

Grade Level: Pre - K – 1st // Length: 30 Minutes

Why do bubbles float and pop? Try out different bubble blowers and see if you have what it takes to create a giant bubble!

Colorful Connections

Grade Level: Pre - K – 2nd // Length: 30 Minutes

Join us as we explore the world of color! We'll learn how to identify our primary colors and we'll make our very own secondary colors using magic color wells!

Diary of a Worm

Grade Level: Pre - K – 3rd // Length: 30 Minutes

Students will explore the amazing lives and capabilities of worms as they listen to Doreen Cronin's story "A Diary of a Worm." Students will handle real live worms and create polymer slime worms!

NC: K.P.2.1, 1.L.1.3, 1.L.2.1, 2.P.2.1

Fantastic Plants

Grade Level: 2nd – 8th // Length: 30 Minutes

Why are plants green? How do they grow? Your students will discover the power of nature as we discover how plants grow and what their importance is to our natural world. We'll even make a terrarium to facilitate future plant growth!

NC: 1.L.1.1, 1.L.1.2, 1.L.1.3, 1.E.2.2, 2.L.2.1, 2.L.2.2, 3.L.2.1, 3.L.2.2, 3.L.2.3, 3.L.2.4, 6.L.2.1, 6.L.2.2, 6.L.2.3

Forces and Motion

Grade Level: 2nd – 8th // Length: 30 Minutes

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

NC: K.P.2.1, 2.P.2.1, 2.P.2.2, 2.P.2.3, 3.P.1.1, 3.P.2.2, 3.P.2.3

Matter, Matter, Everywhere

Grade Level: 4th – 8th // Length: 30 Minutes

It's a solid, a liquid, a gas...it's all matter! Let's investigate the different states of matter and see how we can change them! We'll even create an explosion and ooey, gooey slime!

NC: 2.P.2.1, 2.P.2.2, 3.P.2.2, 3.P.2.3

Weather all Around us

Grade Level: K – 5th // Length: 30 Minutes

Students will learn the effects of weather on wind, water, and temperature. We'll also learn how clouds form and explore the process of the water cycle!

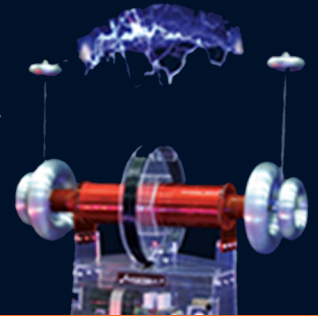
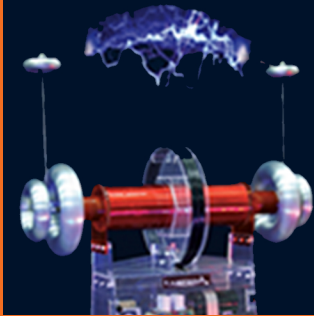
NC: K.E.1.1, K.E.1.2, K.E.1.3, 2.E.1.1, 2.E.1.2, 2.E.1.4, 3.P.2.1, 3.P.2.2, 3.P.2.3, 5.P.2.1, 5.P.3.1, 5.E.1.1, 5.E.1.3, 7.E.1.1, 7.E.1.2, 7.E.1.3, 7.E.1.6



Musical

TESLA COIL

Explore the science and history of electricity with your class in our ZAP! Theater! Learn about Nikola Tesla and experience our Musical Bi-Polar Tesla Coil. Contact the museum for more details, including how to book!



HealthWise



Discover the science behind what you eat in the HealthWise Science Lab! Your class will put on their lab coats, goggles, and gloves as they conduct real food science experiments!

Contact the museum for more details!

Outreach Programs

The museum comes to you!



SCIENCE ON THE MOVE!

Science on The Move is designed to bring exciting and dynamic learning experiences directly to schools, civic groups, and community functions!

Assembly Programs

up to 300 students

Our action-packed **Assembly Programs** include dynamic, inquiry-based activities that engage students and require audience participation. Program activities captivate the imagination and ignite wonder in children of all ages!

All of our programs are age-appropriate and complement the NC Essential Standards for Science and the SC Academic Standards for Science.

Blow it up!

Grade Level: 2nd – 5th // Length 30 Minutes // \$200

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

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The Human Dynamo

Grade Level: K – 5th // Length: 30 Minutes // \$150

Students will have the opportunity to get an up-close and personal look inside of a giant Stuffedie doll as we discover how our body works through exciting demonstrations with real organs!

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Science Shenanigans

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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!

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Seasons of Science

Grade Level: K – 8th // Length: 45 Minutes // \$150

Let's discover the science of the 4 seasons! Together we'll conduct multiple science demonstrations that complement the four seasons.

NC: 6.E.1.1

**Multiple Program Discount
\$100 Per Program**

Additional programs must be scheduled for the same day to receive discount.

Outreach Programs

Assembly Programs (up to 300 students)



Our action-packed **Assembly Programs** include dynamic, inquiry-based activities that engage students and require audience participation. Program activities captivate the imagination and ignite wonder in children of all ages!

Assembly Programs

up to 300 students per session



Super Sonic Light Speed

Grade Level: K – 8th // Length: 30 Minutes // \$150

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

NC: K.P.2.1, 2.P.1.1, 2.P.2.24.P.3.1, 4.P.3.2, 6.P.1.1, 6.P.1.2, 6.P.1.3

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Grade Level: 2nd – 8th // Length: 30 Minutes // \$150

Your Students' hair will stand on end as we perform several shocking experiments using our Van de Graaff generator and Tesla coils! We'll even make a human circuit and create an electromagnet!

NC: 3.P.3.1, 4.P.1.1, 4.P.1.2, 7.P.2.3

Spooky Science (Seasonal)

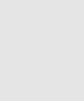
Grade Level: All Ages // Length: 30 Minutes // \$250

Get into the Halloween spirit with a series of mindblowing, spooky experiments! A KidSenses Mad Scientist will wow the audience with electrifying lightning, ghostly smoke rings, and puking pumpkins!



Outreach Programs

The museum comes to you!



Our **Workshops** are designed to provide students with a personal hands-on approach to the sciences. Program activities captivate the imagination and ignite wonder in children of all ages!

Workshops

up to 25 students per session

Becoming a Butterfly

Grade Level: Pre- K – 3rd // Length: 30 Minutes // \$125

Where do butterflies come from? How do they live and grow? Your students will discover how butterflies develop and help the earth!

NC: K.E.1.1, K.L.1.1, K.L.1.2, 1.L.1.1, 1.L.1.2, 2.L.1.1, 2.L.1.2, 2.L.2.1, 2.L.2.2

Bubble Science

Grade Level: Pre - K – 1st // Length: 30 Minutes // \$125

Why do bubbles float and pop? Try out different bubble blowers and see if you have what it takes to create a Giant bubble!

Diary of a Worm

Grade Level: Pre - K – 3rd // Length: 30 Minutes // \$125

Students will explore the amazing lives and capabilities of worms as they listen to Doreen Cronin's story "A Diary of a Worm." Students will handle real live worms and create polymer slime worms!

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Fantastic Plants

Grade Level: 2nd – 8th // Length: 30 Minutes // \$150

Why are plants green? How do they grow? Your students will discover the power of nature as we discover how plants grow and what their importance is to our natural world. We'll even make a terrarium to facilitate future plant growth!

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Forces and Motion

Grade Level: 2nd – 8th // Length: 30 Minutes // \$125

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

NC: K.P.2.1, 2.P.2.1, 2.P.2.2, 2.P.2.3, 3.P.1.1, 3.P.2.2, 3.P.2.3

Matter, Matter, Everywhere

Grade Level: 4th – 8th // Length: 30 Minutes // \$125

It's a solid, a liquid, a gas...it's all matter! Let's investigate the different states of matter and see how we can change them! We'll even create an explosion and ooey, gooey slime!

Weather all Around us

Grade Level: K – 5th // Length: 30 Minutes // \$150

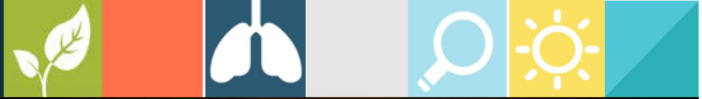
Students will learn the effects of weather on wind, water, and temperature. We'll also learn how clouds form and explore the process of the water cycle!

NC: K.E.1.1, K.E.1.2, K.E.1.3, 2.E.1.1, 2.E.1.2, 2.E.1.4, 3.P.2.1, 3.P.2.2, 3.P.2.3, 5.P.2.1, 5.P.3.1, 5.E.1.1, 5.E.1.3, 7.E.1.1, 7.E.1.2, 7.E.1.3, 7.E.1.6



Multiple Program Discount
\$100 Per Program

Additional programs must be scheduled for the same day to receive discount.



Portable Planetarium Shows

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.

Featured Presentation

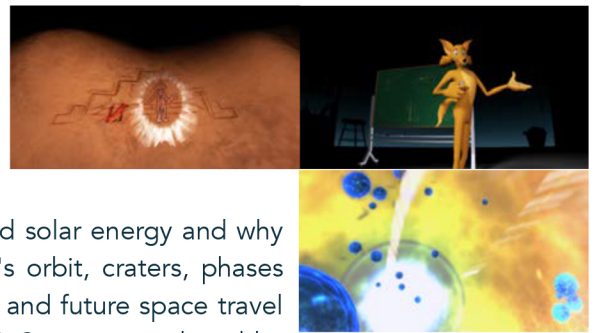


Earth, Moon, and Sun!

Grade Level: K – 8th // 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.

NC: 3.E.1.1, 3.E.1.2, 4.E.1.1, 4.E.1.2, 5.L.2.1



Live Presentations

Ring Around the Planets

Grade Level: Pre K – 8th // 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 several "Rocky Midgets." We'll also explore the phases of the moon.

NC: 1.E.1.1, 3.E.1.1, 3.E.1.2, 6.E.1.1

Show Prices

One Show	\$150
Two Shows	\$225
Three Shows	\$300
Four Shows	\$375

The planetarium can accommodate up to 25 people per presentation.



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 Science Standards

All of our interactive program experiences are designed to compliment the **North Carolina Essential Standards for Science** and the **South Carolina Academic Standards for Science**. Please visit kidsenses.org/education to view all NC and SC science standards correlations.

Field Trip and Outreach Reservations

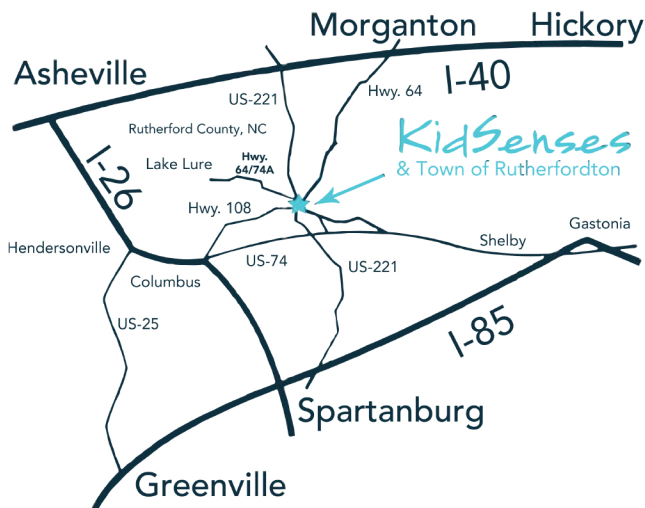
To book your visit, please contact the Reservations Coordinator at (828) 286 - 2120 or email reservations@kidsenses.org. **Scheduling must take place at least two (2) weeks prior to your visit.**

Gift Shop

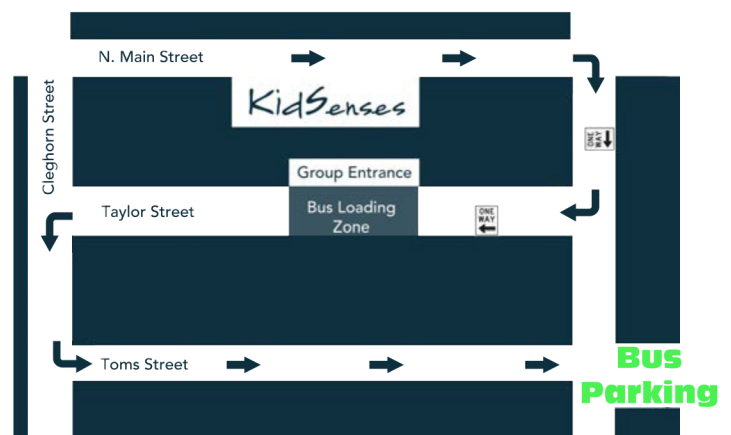
The Museum Gift Shop offers a wide variety of cool merchandise for children of all ages. Each item is a carefully chosen motivator of learning, as well as a souvenir of your visit to KidSenses.

MUSEUM LOCATION

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



BUS PARKING MAP





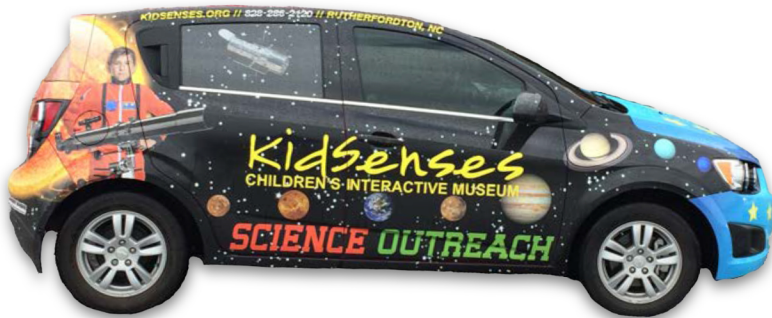
172 North Main Street
Rutherfordton, North Carolina 28139



Have the museum **COME TO YOU!**



SCIENCE **ON THE MOVE!**



- Presentations for the **WHOLE SCHOOL**
- Portable **Planetarium Shows**
- **Small Group Workshops**
- **And More!**

All of our programs complement the NC Essential Standards for Science, and the SC Academic Standards for Science.