Thank you for visiting Catawba Science Center!

Please review these suggestions for the most enjoyable, educational experience in our exhibits.

- School staff and chaperones are responsible for students’ behavior in exhibits and programs.
- Please keep students in your view at all times.
- Listen for directions from CSC staff regarding specific exhibits.
- No running.
- If an exhibit area is crowded, consider returning later when the group has left.
- See reverse side for grade-specific questions and objectives for exhibit areas.

Naturalist Center
See live reptiles, amphibians, insects, and an arachnid, as well as collections of fossils, rocks, seashells, and more.

Inventors Workshop
Investigate motion with air tubes. Create your own structures using various building materials.

Science Courtyard
Climb the mountain wall, experiment with stream flow, and have fun in the treehouse. This outdoor exhibit space is closed during inclement weather.

Science Hallway
Engage in nanoscale science, experiment with laser light and sound, and view fascinating collections of insects.

Velo-City
Explore the forces that make things move, slow down, and stop.

Germ Zone
Learn about allergens, as well as disease-causing bacteria, viruses, and other pathogens, and how to prevent illness.

Energy Avenue
Experiment with electricity, kinetic energy, pulleys, and light. Discover what Bernoulli’s Principle is and use it to make balls float in the air!

Gross Labs
Investigate the gross parts of the human body along with the jobs associated with them. Be a Poop Analyzer, Surgical Extractor, Body Explorer, and more.

Spin
Investigate how things spin and move. Test your endurance in a spinning chair, and ride the human centrifuge!

Saltwater and Freshwater Aquaria
Learn about exotic fish, turtles, snakes and other species found in the Amazon River Basin. Touch live sharks and stingrays, and stay for a shark or eel feeding.

Treehouse Adventures
Pretend to shop at a local outdoor food market, climb into a treehouse, build a snowman, and tend a garden! This exhibit is best suited for families with young children or small groups of young children.

Aquaponics Greenhouse and Raised Bed Gardens
See a garden in seasonal stages. Learn about the nitrogen cycle and aquaponics.

Science Hallway
Engage in nanoscale science, experiment with laser light and sound, and view fascinating collections of insects.
<table>
<thead>
<tr>
<th>Exhibit Space</th>
<th>Investigate!</th>
<th>NC Essential Standards Addressed</th>
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</thead>
<tbody>
<tr>
<td><strong>Naturalist Center</strong></td>
<td>How many animals can you find that are birds? What do all the birds have in common? How are they different from each other?</td>
<td>2.L.2.2 2.L.1.2 2.L.2.2</td>
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<tr>
<td></td>
<td>How many animals can you find that hatched from an egg? Look at the cases of beetles and other insects. What characteristics do they have in common? How are they different from each other?</td>
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<tr>
<td><strong>Science Hallway</strong></td>
<td>Find the Chladni plate. Press the buttons to see what happens to the liquids when different sound waves hit them.</td>
<td>2.P.1.1</td>
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<tr>
<td><strong>Science Courtyard</strong></td>
<td>What do you think may happen to the water in the stream if it got below 32 degrees outside? Stand in the courtyard and describe the weather.</td>
<td>2.P.2.1 2.E.1.2</td>
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<tr>
<td><strong>Energy Avenue</strong></td>
<td>Go to Audio Avenue and find the keypad that shows sound waves. How do different sounds look on the screen? Listen to a high pitched sound and a low pitched sound.</td>
<td>2.P.1.1</td>
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<tr>
<td><strong>Saltwater and Freshwater Aquaria</strong></td>
<td>Ask a CSC staff person if there are any baby animals or developing eggs in the aquarium. Pick an animal that looks interesting and ask a CSC staff person to explain the life cycle of that animal. Find a clown fish (Nemo). Find an angel fish. How are they alike? How are they different? Find the seahorses. Do you know that seahorse fathers carry the babies in a pouch? What kind of matter is the water in the shark tank? (solid, liquid, gas) Notice how the shape of the water changes as the stingrays and sharks move.</td>
<td>2.L.1.1 2.L.1.2 2.P.2.1</td>
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