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 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.

**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.

**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.

**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!

**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.
<table>
<thead>
<tr>
<th>Exhibit Space</th>
<th>Investigate!</th>
<th>NC Essential Standards Addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naturalist Center</td>
<td>Find a producer, a consumer, and a decomposer in this room. Create a food web using six organisms found in this room.</td>
<td>5.L.2.2 5.L.2.3</td>
</tr>
<tr>
<td>Velo-City</td>
<td>Create a roller coaster along the wall. Describe the forces acting on the ball as it moves. Try to meet today’s challenge. Investigate all the forces affecting motion in City Speedtrack. Using Downhill Distance, create a graph plotting distance versus time for the tracks.</td>
<td>5.P.1.1 5.P.1.3</td>
</tr>
<tr>
<td>Energy Avenue</td>
<td>Find three examples of conduction in this exhibit space. Launch a rocket at Rocket Way. What forces act on the rocket? Does changing the angle of the launch affect how far it goes?</td>
<td>5.P.3.1 5.P.1.1</td>
</tr>
<tr>
<td>Gross Labs</td>
<td>Use Body Explorer to investigate two body systems. Find one interesting occupation related to the health field. What body system is it related to? At Surgical Extractor find and name organs of the circulatory, respiratory, and digestive systems. Observe what happens to the skeleton when you move at the Imaging Center.</td>
<td>5.L.1.2</td>
</tr>
<tr>
<td>Saltwater and Freshwater Aquaria</td>
<td>Compare and contrast the animals that live in the freshwater aquaria vs. the saltwater aquaria. If the Amazon tank leaked, could the fish that lived there be put in the saltwater tank? Find the seahorse tank. Observe differences and similarities among these related animals. Look for connections among the organisms in the Amazon freshwater tank.</td>
<td>5.L.2.1 5.L.2.2 5.L.2.3</td>
</tr>
<tr>
<td>Aquaponics</td>
<td>Investigate the greenhouse facility. Explain how the plants and fish are dependent upon one another.</td>
<td>5.L.2.2 5.L.2.3</td>
</tr>
<tr>
<td>Spin</td>
<td>Compare and contrast how the rings roll at Let It Roll.</td>
<td>5.P.1.4</td>
</tr>
</tbody>
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