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!

**Hall of Astronomy**
Celebrate NASA - view a timeline of the Apollo 11 mission, artifacts and memorabilia from 50 years ago, and learn all about the legacy of man’s first steps on the Moon.

**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.

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

**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.
<table>
<thead>
<tr>
<th>Exhibit Space</th>
<th>Investigate!</th>
<th>NC Essential Standards Addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Velo-City</td>
<td>Create a roller coaster path. Predict the ball’s journey and explain the forces acting on the ball. Investigate all the forces affecting motion in City Speedtrack. Using Downhill Distance, create a graph plotting distance versus time for the tracks.</td>
<td>7.P.1.2, 7.P.2.1</td>
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<tr>
<td>Energy Avenue</td>
<td>Launch a rocket. What happens to the motion when the angle of the launch is changed? What forces are acting on the rocket? Find three forms of energy in this room. Utilize the bicycle or hand crank to power the fan. Explain what energy transfer has occurred. Find a simple machine in this room. How does it make work easier?</td>
<td>7.P.1.1, 7.P.1.2, 7.P.2.1, 7.P.2.2, 7.P.2.3, 7.P.2.4</td>
</tr>
<tr>
<td>Gross Labs</td>
<td>Find your body’s joints at the Imaging Center. Use Body Explorer to investigate body systems. Find organs of the digestive, respiratory, and circulatory systems at Surgical Extractor.</td>
<td>7.L.1.3, 7.L.1.4</td>
</tr>
<tr>
<td>Germ Zone</td>
<td>Can you find any disease causing single-called organisms?</td>
<td>7.L.1.1</td>
</tr>
<tr>
<td>Saltwater and Freshwater Aquaria</td>
<td>Find the seahorse tank. Observe the differences and similarities in these related organisms.</td>
<td>7.L.2.1</td>
</tr>
<tr>
<td>Spin</td>
<td>Find an example of inertia. Test the spinning chair or the human centrifuge, what forces are acting on your body?</td>
<td>7.P.1.2</td>
</tr>
</tbody>
</table>