catawba science center

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 for grade-specific questions and objectives for exhibit areas.

Naturalist Center

See CSC's live mammals, as well as invertebrates. View collections of fossils, rocks, seashells, & more.

Foothills Collaboraty

Explore science careers and 'meet' STEM professionals. Build, create, explore.

Science Hallway

Engage in nanoscience and experiment with laser light and sound.

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.

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.

Edgerton Gallery Land to Sea

See CSC's live reptiles. Look into the Herpetarium at the rest of our living collection. Explore coral reef conservation & weather.

M.O.V.E

Learn all about the benefits of exercise. Play a rotation of games to get moving.

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.

Velo-City

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

Aquaponics Greenhouse

See a garden in seasonal stages. Learn about the nitrogen cycle and aquaponics.

Saltwater & Freshwater Aquarium

Touch live sharks and stingrays. Observe exotic fish, turtles, and other species found in the Amazon River Basin.

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 suited for families with young children or small groups of young children.**

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7TH GRADE

Exhibit Space	Investigate!	NC Essential Standards Addressed
Velo-City	Create a roller coaster path at the *Energy Park*. 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.	7.P.1.2 7.P.1.3 7.P.2.1
Energy Avenue	Launch a rocket a *Rocket Way*. 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 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?	7.P.1.1 7.P.1.2 7.P.2.1 7.P.2.2 7.P.2.3 7.P.2.4
Gross Labs	Find your body's joints at the *Imaging Center*. Use the *Body Explorer* to investigate body systems. Find organs of the digestive, respiratory, and circulatory systems at the *Surgical Extractor*.	7.L.1.3 7.L.1.4
Edgerton Gallery Land to Sea	Observe the tortoises. What are the functions of a reptile's digestive system? How might it be different than a mammal's? Identify all the weather tools located in the exhibit. How is each used? What impacts have humans made on climate?	7.L.1.4 7.E.1.4 7.E.1.6
Naturalist Center	Observe one of the living organisms. Work through their body's hierarchical organization.	7.L.1.3