

# 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 Collaboratory**

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.

Exhibit Space	Investigate!	NC Essential Standards Addressed
Naturalist Center	Choose an animal or insect and describe how it moves. Look at the cases of insects and beetles. How are they alike? How are they different?	K.P.1.2 K.L.1.2
Velo-City	Can you make a ball go round and round on the Speed Spiral? Can you make a ball go back and forth on the Energy Park?	K.P.1.2
Science Courtyard	Compare how different boats move down the waterway. Find three different materials in the outdoor space. How are they similar? How are they different?	K.P.1.1 K.P.1.2 K.P.2.2
Energy Avenue	Can you make a ball float in the air?	K.P.1.2
Gross Labs	Look at your bones in the <i>Imaging Center</i> . How do they help you? Do animals have bones?	K.L.1.2
Edgerton Gallery Land to Sea	Find three differences between the tortoises. Describe how they move.  At Feel the Reef, explore the different animals that live in coral reefs. How are they different from each other?  Observe the windsock. What changes did you make to move the windsock?	K.P.1.2 K.L.1.1 K.L.1.2 K.E.1.1
Saltwater & Freshwater Aquarium	Can you find the differences and similarities between the stingrays.  How can you tell the fish are living?  What words describe how fish move?	K.L.1.1 K.L.1.2 K.P.1.2