

Connecting Learning and Fun

Find out how your child can meet the learning goals set in the Sunshine State Standards at:

THE FLORIDA AQUARIUM • THE LOWRY PARK ZOO
MUSEUM OF SCIENCE & INDUSTRY (MOSI)

Want To be Amazed?

Science is a source of wonder, excitement, and fascination for all children.

Exploring, experimenting, and thinking about the world around them gives them skills that last a lifetime.

Best of all, science is all around your family at home, in the community, and at school.

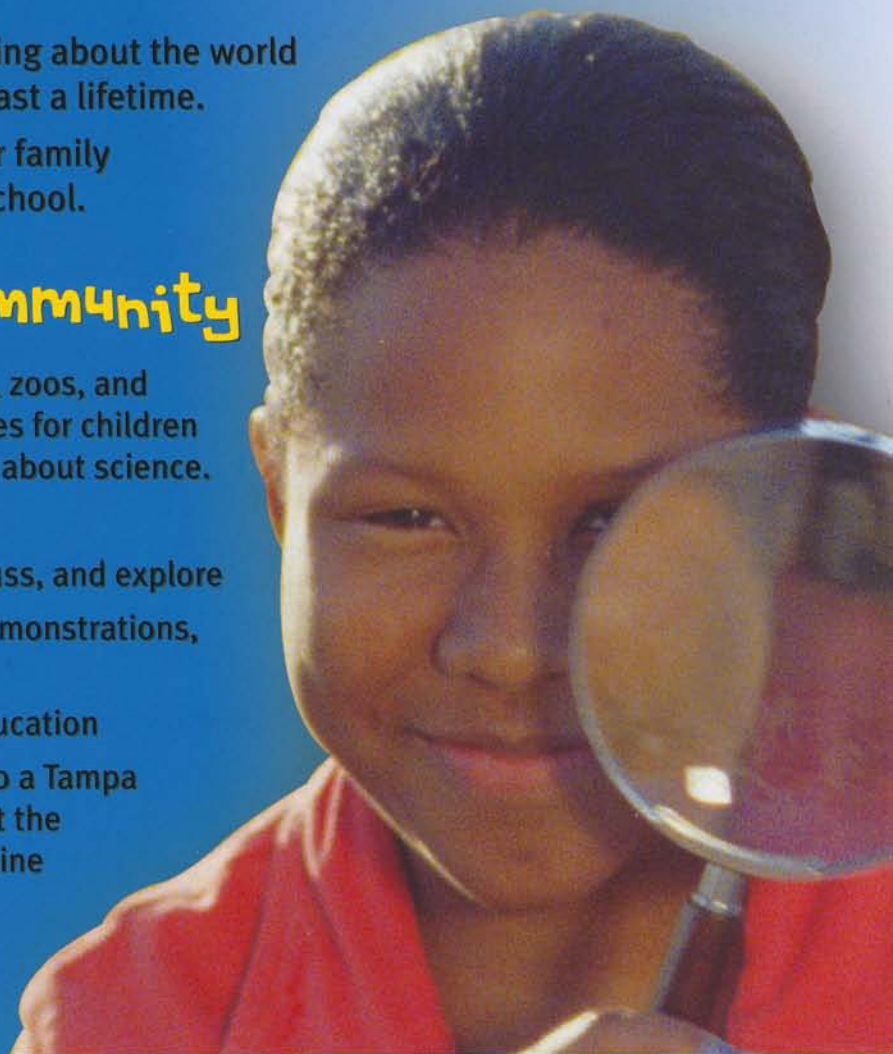
Science in your community

Science and technology centers, parks, zoos, and museums are unique and exciting places for children to learn and develop positive attitudes about science.

They offer:

- Opportunities to ask questions, discuss, and explore
- Neat exhibits, hands-on activities, demonstrations, workshops, and films
- Learning that supports classroom education

Find out some of the ways that a visit to a Tampa science center can help your child meet the science learning goals set in the Sunshine State Standards.



A project of the Partnership for Science Literacy, an initiative of the American Association for the Advancement of Science, with funding from the National Science Foundation, to promote K-12 science literacy for everyone.

Visit us at: www.ScienceEverywhere.org



THE FLORIDA AQUARIUM

The “No Bones Zone” allows marine enthusiasts of all ages to touch animals that have no bones for a skeletal structure. The exhibit provides an exciting, hands-on opportunity to learn about animals like sea stars, crabs, urchins, mollusks, and other invertebrates from the world’s oceans.

Encourage your child’s learning by asking questions such as:

- What does the covering of each animal feel like?
- What do the animals have in common?
- What differences do you see between the animals in the tank?

Phone: (813) 273-4000 Online: www.flaquarium.org

This activity meets State Standard F: “Students should describe patterns of structure and function in living things; students should know that living things are different but share similar structures.”

THE LOWRY PARK ZOO

At the Manatee encounter show, guests are amazed daily by the West Indian Manatee. Families learn about this fascinating animal and how humans are trying to protect its habitat. After the show guests can ask questions and touch some real manatee artifacts.

Questions you can ask your child include:

- What do manatees eat?
- What do they like about rivers and springs?

Phone: (813) 935-8552 Online: www.lowryparkzoo.com

This show demonstrates State Standard G: “The student understands the consequences of using limited natural resources; the student understands that changes in the habitat of an organism may be beneficial or harmful.”

MUSEUM OF SCIENCE & INDUSTRY (MOSI)

MOSI has more than 350 hands-on activities, including the Bernoulli activity table where families can make bowling balls come together, make a beach ball hover in mid-air, and lift objects by the movement of air.

Visitors learn how force, pressure, and lift affect various objects.

Questions you can ask your child include:

- Why doesn’t the beach ball blow away?
- How heavy of an object could you lift with air?
- How does air help airplanes fly?

Phone: (813) 987-6000 Online: www.mosi.org

This activity promotes the learning addressed in State Standard C: “The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted; the student knows that the motion of an object is determined by the overall effect of all of the forces acting on the object.”

About the Sunshine State Standards: In Florida, academic content is tied to the Sunshine State Standards, which are based on the *National Science Education Standards*. The standards ensure that students develop and acquire necessary skills to succeed in school and beyond. But not all learning occurs in school, and local science centers offer resources for families to learn more.

FIND OUT MORE about the Sunshine State Standards at: www.firn.edu/doe/menu/ssss.htm

Talk to your children’s science teachers. See the “10 Questions to Ask Your Child’s School” at: www.ScienceEverywhere.org