

GRADES 3 - 5

Discovery Labs & Demos

FCAT Standards

Discovery Lab Programs Grades 3 - 5

Guts, Goo, and Poo

Big Idea 1: the Practice of Science
Big Idea 14: Organization of Development of Living Organisms

Guts, Goo, and Poo

Students will investigate the gross, smelly and disgusting (but necessary) functions of the human body. They will learn that each of these gross parts has a very important job to do to keep you healthy.

Exhibit: -Grossology: The Impolite Science of the Human Body

Our Changing Earth

Big Idea 6: Earth Structures



Our Changing Earth

Our planet is continually moving and changing. Why does the earth move under our feet? How is the earth changing right now? Students will understand plate tectonics and geological change over time and their effects on our planet.

Match with IMAX® films - Forces of Nature, Grand Canyon Adventure 3D

Science of Toys

Big Idea 12: Motion of Objects
Big Idea 13: Forces and Changes in Motion

Science of Toys

Who thought science could be this much fun? In this hands-on lab, students will discover how simple children's toys can illustrate scientific concepts.

FCAT Standards

Live Demonstrations Grades 3 - 5

Sky High Science

Big Idea 12: Motion of Objects
Big Idea 13: Forces and Changes in Motion

Sky High Science

A Boeing 747 airplane can weigh up to 875,000 pounds, but how does it stay up in the air? Learn all about the science behind how the big jets fly, the principles of flight and how new discoveries are advancing technology in aviation.

• Exhibit - Runways to Rockets: Our Place in Aerospace

May the Force Be With You!

Big Idea 10: Forms of Energy
Big Idea 12: Motion of Objects
Big Idea 13: Forces and Changes in Motion

May The Force Be With You!

How do we push a rocket into space? How do we roller skate? Enjoy exciting demonstrations that explain Newton's laws of force and motion.

Match with IMAX® film -Magnificent Desolation: A Walk on the Moon 3D

• Exhibits - Runways to Rockets: Our Place in Aerospace

Classified Information

Big Idea 14: Organizing and Development of Living Organisms
Big Idea 15: Diversity and Evolution of Living Organisms

Classified Information

Some animals have a spine, some don't. Meet our vertebrate and invertebrate animal ambassadors to learn about the ways these different animals live and grow.

Match with IMAX® films - Galapagos 3D, Under The Sea 3D, Dinosaurs: Giants of Patagonia 3D, African Adventure 3D and Sea Monsters 3D