

Discovery Labs & Demos

GRADES K - 2

FCAT Standards

Discovery Lab Programs Grades K - 2

Super Senses

Big Idea 2:
The Characteristics of Scientific Knowledge
Big Idea 10: Forms of Energy

Super Senses

Our bodies interact with our world through our amazing senses, but did you know that anything we see, hear, feel, smell or taste requires billions of nerve cells? Learn how the brain uses specialized body parts to gather information and find out how extraordinary your senses really are!

Match with the IMAX® films: *Wired to Win: Surviving the Tour de France*
Exhibits: *Grossology: The Impolite Science of the Human Body*

Up, Up, and Away!

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

Up, Up, and Away!

Get ready for take off and learn to fly! Find out more about the science behind aviation by making your own flyable model jet, and test them on our "Stomp" launching pad.

Match with Exhibits: *Aviation Station and Runways to Rockets*

Animal Adaptations

Big Idea 14: Organization and Development of Living Things
Big Idea 17: Interdependence

Animal Adaptations

Discover how animals adapt their bodies and behaviors in order to survive. Learn how they find food and shelter and use camouflage to escape predators. Test your animal skills in our survival lab and meet resident survival experts.

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

FCAT Standards

Live Demonstrations

Grades K - 2

Dino Descendants

Big Idea 1: The Practice of Science
Big Idea 15: Diversity and Evolution of Living Organisms

Dino Descendants

What makes an animal a reptile? What makes a dinosaur a reptile? Are all dinosaurs reptiles? Meet museum reptiles to learn the answers to these questions and lots of fascinating facts about the origin of the dinosaurs.

Teacher Tip: Great program match with IMAX® films: *Dinosaurs: Giants of Patagonia 3D* or *Galapagos 3D* • Exhibits - *EcoScapes*

Invisible Forces

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

Invisible Forces

What keeps our feet on the ground, causes wooden boards to break and makes paper clips dance? The invisible forces that make up our world can do all of this! Join us for some fun with magnetism, air pressure and gravity.

Match with IMAX® film: *Magnificent Desolation-Walking on the Moon 3D*

Soapy Science

Big Idea 8: Properties of Matter
Big Idea 9: Changes in Matter

Soapy Science

Bubbles are beautiful, fun and fascinating, but did you know that there is science in your bubble bath? During this demonstration students will learn about surface tension, why bubbles look the way they do, and the properties of water.

Teacher Tip: Great program match with IMAX® films: *Dinosaurs: Giants of Patagonia 3D, Under The Sea 3D, Galapagos 3D, and Sea Monsters 3D* • Exhibits - *EcoScapes and Water Works*