

# Discovery Labs & Demos

## Discovery Lab Programs Grades K - 2

### FCAT Standards

#### “Seed” You Later!

Strand B – Energy  
Strand F – Processes of Life  
Strand G – How Living Things Interact with their Environment

#### “Seed” You Later!

Have you ever wondered how your fruit and vegetables reach your dinner plate? Learn how a tiny sprout journeys from seed to plant, and discover the many different ways seeds travel.

#### Sensational Sounds

Strand A – The Nature of Matter  
Strand B – Energy  
Strand C – Force and Motion

#### Sensational Sounds

Pluck, strum, and toot into science as students explore sound waves. Learn how they are produced, created, and their real world applications. Students will make their own instruments to play in our museum band.

Teacher Tip: Great program match with IMAX films - Cirque du Soleil: Journey of Man 3D

#### Animal Adaptations

Strand D – Processes That Shape The Earth  
Strand F – Processes of Life  
Strand G – How Living Things Interact with their Environment

#### Animal Adaptations

Students will design their own animals, using the tools that animals use to survive in different environments. They will discover how flippers, gills, wings, beaks, and claws work, and try out their creations in our survival test lab.

Teacher Tip: Great program match with IMAX films—Deep Sea 3D, Coral Reef Adventure, Sea Monsters 3D, Galapagos 3D, Wild Safari 3D, African Adventure 3D and Dinosaurs Alive! 3D

## Live Demonstrations Grades K - 2

### FCAT Standards

#### Dino Descendants

Strand D – Processes That Shape The Earth  
Strand F – Processes of Life  
Strand G – How Living Things Interact with their Environment

#### 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 - Galapagos 3D and Dinosaurs Alive 3D  
• Exhibits - EcoScapes and Amazing Reptiles: Real or Robotic

#### Invisible Forces

Strand C – Force and 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.

Teacher Tip: Great program match with IMAX film - Space Station 3D

#### Living Fossils

Strand F – Processes of Life  
Strand G – How Living Things Interact with their Environment

#### Living Fossils: Modern Day Sea Monsters

Join us for a lesson about how sea creatures have adapted to their environment. Did you know that sea turtles are living fossils, and survived the extinction of the dinosaurs? Come and meet sea creatures with prehistoric roots and ancient family trees.

Teacher Tip: Great program match with IMAX films - Coral Reef Adventure, Dinosaurs Alive! 3D, Deep Sea 3D, Galapagos 3D, Sharks 3D, and Sea Monsters 3D • Exhibits - EcoScapes