



# School Outreach Programs

## Ages 3 - 7 years

*Our programs are designed to meet the science standards for appropriate age levels.*

**Insects Aren't Icky:** Discover the truth about what separates bugs from insects.

- \* Introduction to bugs and insects.
- \* Discuss body parts of insects, as well as the process of molting.
- \* Go on a bug hunt: teams will be sent on a mission with a magnifying glass to find and classify insects.
- \* Play a game of bug charades.
- \* Discover the life cycle of butterflies.
- \* Make a take-home insect craft.

**Fabulous Fossils:** Learn what fossils are, and what prehistoric animals they came from.

- \* Introduction to dinosaurs and fossils.
- \* Use modeling clay to create dinosaurs, and their environment.
- \* See a classroom version of a volcanic "explosion".
- \* Put on your archaeologist uniform, and dig for real fossils.
- \* See how you "measure up" to the dinosaurs.
- \* Make a take-home dinosaur fossil craft.

**Plantastic:** Learn about plants in our environment and how they are a special part of the ecosystem.

- \* Introduction to plants and flowers.
- \* Create a "baggie garden".
- \* Perform leaf chromatography.
- \* Learn about the parts of plants and flowers.
- \* Classify plants and flowers using various characteristics.

**Tales From Outer Space:** Explore outer space, meteors, and planets.

- \* Introduction to outer space and the planets.
- \* Create your own telescope.
- \* Make craters like the ones you see on the moon.
- \* See a simulation of anti-gravity with "dancing raisins".
- \* Attempt to launch a "rocket" from a spinning planet.
- \* Build the solar system on a smaller scale.

**Welcome to the Science Fair:** Learn about the scientific method, performing experiments, and collecting and displaying data.

- \* Enjoy a Smartboard presentation and/or video about the science fair.
- \* Hear an explanation of the scientific method and its components.
- \* Design an experiment which will be completed during class.
- \* Collect data and analyze the results of the experiment.
- \* Create a mini version of a science fair display showing your results to take home.



**Additional Field Trip Information:**

*Field trips include 1.5 hours of education. Teachers may choose between two 45 min. sessions with a lunch break scheduled in-between or one continuous session lasting 1.5 hours. \$7.50 per student for classes ranging from 12-17 students. \$6.50 per student for classes ranging from 18-32 students. When planning your field trip, you may want to visit Tusawilla Park, and the state of the art, new "All Children's Playground" right outside our front door.*



To book your school field trip to the Discovery Center or arrange for an educational program to come to your school, please visit our website and complete the "Request a School Program" form, or call 352-401-3900.

[www.mydiscoverycenter.org](http://www.mydiscoverycenter.org)