

Home School Programs for 2008 – 2009

Our Home School programs have been redesigned to accommodate the recent changes in the Florida Sunshine State Standards for Science. Programs are primarily for the 9-12 year old students. This is a brand new, much more comprehensive program than we have ever done before.

Classes start the 2nd Wednesday of every month. Each “hands-on” class is 3 hours in length with access to the museum before or after class. A short Break included.



September 10th

Energy

- ***Heat Temperature and Thermal Energy***
- ***Forms of Energy and How They Change***
- ***Electricity from Magnets to Motors***

October 8th

Crime Scene Investigations with Forensics

- ***Anthropometric Measurements of Suspects***
- ***Trace Element Evaluation***
- ***Fingerprint Collection and Analysis***

November 12th

Our Changing Planet

- ***What Causes Earthquakes and Volcanoes***
- ***The Rock and Soil Laboratory***
- ***Chemical and Mechanical Weathering***

December 10th

Fun With Chemistry

- *Buyer Beware – Testing Advertised Claims*
- *The Magic of Chemistry*
- *Polymer Science*

January 14th

Exploring the Universe

- *Our Solar System*
- *Phases and Eclipses of Our Moon*
- *The Sun and Earth's Seasons*

February 11th

Get a Life

- *Plant and Animal Cells (Microscope Lab)*
- *Vertebrates and Invertebrates*
- *Invertebrate Dissection Laboratory*

March 11th

What's the Matter With Matter

- *Measuring Matter With Metrics*
- *Physical and Chemical Properties of Matter*
- *Mixtures and Solutions*

April 8th

Mysteries of the Human Body

- *Genetics and Our Bodies*
- *DNA for Kids*
- *Human Body Systems*

May 13th

Ecosystems and Our Environment

- *Parts of an Ecosystem*
- *Predator or Prey*
- *How Living Things Adapt to Their Environment*