



Science Grade Topics for September- November 2016



Welcome Parents to Science Lab Room 409. My name is Mrs. Kaouris and I will be teaching Science to Grades 3,4, and 5. I am looking forward to a very exciting and rewarding year. My approach to teaching Science involves an inquiry-based, hands-on approach. Students will spend time learning to use appropriate tools and techniques to gather, analyze, and interpret data. The critical thinking process will be integrated into our investigations.



Third Grade will be studying metric measurement, using the **FOSS Measurement Module**. We'll explore the need for standard units, and work with the metric units and tools used by scientists worldwide. Our approach will be to introduce the metric system as the language used by scientists to communicate the results of their observations and experiments. Students will also explore properties of matter. They will describe and compare the physical properties of matter (size, shape, mass/weight, volume, luster, color, texture, hardness, odor, etc.) as well as measure, compare, and record physical properties of objects.

Important Notes:

- Please bring in supplies
- Always be prepared!

Thank you, Mrs. Kaouris



Fourth Grade will be studying the roles plants and animals play in their environments using the **Delta Science Module**. Students will build terrarium habitats in order to investigate the interactions among the living and nonliving things that make up an ecosystem. Students will explore how ecosystems can change and learn that changes can be beneficial to some organisms but harmful to others. Students will observe how each animal's body structures and behaviors help it get what it needs to survive in its environment. Students will observe and discuss predator-prey relationships and learn about the food chains and webs that connect producers, consumers, and decomposers. Independent observations and discussions help students apply what they have learned about adapting to changing ecosystems to humans.

Fifth Grade- Some of the most important scientific concepts students learn are the result of their ability to see relationships between objects and events. Relationships always involve interactions, dependencies, and cause and effect. The **Variables Module** has four investigations that help students discover relationships through controlled experimentation. Students will fling, float, fly, and flip objects as they discover relationships in each investigation.

Science Links: www.mbgnet.net www.watchknowlearn.org.
www.sciencemadesimple.com www.kidsites.com