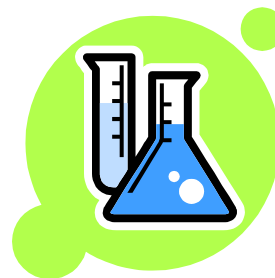


Mrs. Duff
Science Syllabus
2009-2010



Supplies needed

- One inch binder with tabs
- Red Pen
- Multiple blue/black pens
- Pencils
- Highlighter
- Calculator (the most basic one is fine)
- Loose leaf paper
- Index Cards
- Markers/Crayons/Colored pencils
- Scissors
- 1” binder ring or other method of storing completed vocabulary cards

General Overview of Curriculum

Concepts

- Scientific Method
- Chemistry
 - Atoms
 - Chemical Bonding
 - Chemical Reactions
 - Acids and Bases
- Animal Diversity
 - Classification System
 - Characteristics of a chordate (vertebrates)
 - A Study of Chordates
 - Fish (fish dissection)
 - Reptiles
 - Amphibians (frog dissection)
 - Birds
 - Mammals
- Motion Forces & Energy (Physics)
 - Newton’s 3 Laws of Motion
 - Speed
 - Velocity
 - Momentum
 - 3 Types of Friction
- Earth Materials & Processes (Plate Tectonics, Earthquakes, and Volcanoes)
 - Plate Tectonics
 - Earthquakes
 - Measuring earthquakes
 - Volcanoes

Classroom Expectations And Grading

Students are expected to follow the school rules as well as my own classroom rules at all times. Students who are not following rules will receive appropriate consequences including warnings, lunch detentions with Mrs. Duff or the lunch detention supervisor, phone calls home and/or after school detentions.

Students are expected to come to class prepared to learn. This includes bringing a positive attitude, science book, vocabulary cards, binder, notebook paper, writing utensil, and any additional supplies needed for that day. Additional supplies are always listed on a dry erase board outside the classroom.

Homework Policy

All homework in class will be given for specific educational purposes. Therefore, it is expected that all homework be completed on time. Homework will be graded during the first part of class. Work that is left at home, in the locker, or else where is considered late. Late work will be accepted for a maximum of half credit if turned in the very next day. Students will not be able to go to their locker to retrieve it.

Homework will be posted daily on the board and a list of what was assigned and collected is recorded in a "While You Were Out" binder. Students are expected to record their assignments in their assignment notebooks each night. If a student is absent from class for any reason it is **THEIR** responsibility to get the missing work and turn it in within the number of days that they were absent. It is also the responsibility of the student to turn in any work collected while they were absent. Students will always be informed of upcoming tests in advance. Students that are absent the day of an exam are expected to make up the exam the day they return unless a special circumstances apply.

In the event of academic dishonesty, students will redo the assignment and receive zero credit.

Project Policy

Students will be assigned individual projects and group projects throughout the year. The work will generally be started in school and then completed at home. Students will be given at least one week to complete a major project. **ALL PROJECTS WILL BE GRADED BY USING A RUBRIC GIVEN TO EACH STUDENT WHEN THE PROJECT IS ASSIGNED.** Please ask your child to see the rubric when helping them with projects.

How to Reach Me

I truly believe that open communication between the home and school is the key to all children's success at school. Please don't ever hesitate to contact me with any suggestions, concerns, or questions. The best way to contact me is by e-mail:

kduff@fsd157c.org