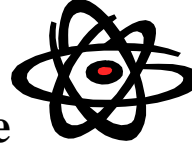




7th Grade Science Mr. Finan



COURSE DESCRIPTION: A student- oriented curriculum using a hands-on approach to the physical, biological and earth sciences. This course encourages students to become scientists. Students will design experiments, predict outcomes, test a hypothesis and draw conclusions from their own observations.

TEXTS: We have a modular series that consists of 15 textbooks published by Glencoe McGraw-Hill. Each grade level will cover 5 of the modules. The textbooks covered in 7th grade are listed below.

From Bacteria to Plants

The Nature of Matter

The Changing Surfaces of the Earth

The Air Around You

Animal Diversity

SCIENCE CURRICULUM:

- I. Scientific Method
 - A. Soybean Experiment
 - B. Science Fair Project

- II. Bacteria To Plants
 - A. Plant Communication
 - B. Bacteria
 - C. Nonseed Plants/Algae
 - D. Seed Plants
 - E. Photosynthesis & Respiration

- III. Chemistry/The Nature of Matter
 - A. Model of the Atom
 - B. The Periodic Table
 - C. Compounds & Mixtures
 - D. States of Matter and Properties
 - E. Physical & Chemical Changes

- IV. The Changing Surfaces of the Earth
 - A. Fossils
 - B. Rock Layers

- V. The Air Around You
 - A. El Nino and La Nina
 - B. Greenhouse Effect & Global Warming

- VI. Invertebrates
 - A. Animal Adaptation & Classification
 - B. Study of the Eight Largest Invertebrate Phyla
 - i. Dissection: Earthworm, and Crayfish
 - ii. Power Point Presentations

EXPECTATIONS:

Students are expected to follow all school rules during Science class. During labs students are expected to follow the lab safety agreement. Here are some more specific expectations to be followed in my classroom.

1. Students must be on time to class with all materials daily.
2. Students will keep a neat binder that will be cleaned out each trimester.
3. Students must sit up and pay attention carefully.

HOMEWORK:

All homework is important to the learning process. Therefore, it is imperative that every student do their homework and turn it in. We will go over homework as a whole class at the first part of class. It will be turned in and recorded in the grade book. I will then return the graded assignments to each student. The homework must go into the binder for the use of studying for the upcoming test/quiz.

Late Homework will be accepted the next day. Late work will be accepted for partial credit. A parent signature on a late sheet is required to turn in late work.

Absent work can be found at the front of the room on my Advisory/Class bulletin board. Students are required to check this board if they are absent. If a worksheet was given, students will search in the bin below the bulletin board. I will accept absent work according to the district policy.

Grading Policy:

1. Frankfort 157c Scale:

90-100 = A

80-89 = B

70-79 = C

60-69 = D

59-below = F

2. The grades are based on homework, projects, tests, quizzes, labs, and participation.
3. Grades are calculated using points.
4. Grades are always available to students and parents upon request.
5. A progress report will be given every two to four weeks.

COMMUNICATION: Please contact me at (815) 469-4474 or dfinan@fsd157c.org.