

# EARTH/SPACE SCIENCE

## Course Outline & Policy Statement 2008-2009



Mr. Schrock ★ Room 3-207 ★ Phone 669-1131 ext 1166 ★ Email: schrockj@pcsb.org

### OVERVIEW

The Earth Science course is designed to broaden student's knowledge of the Earth and its environment as well as to give students experience in using methods of scientific inquiry to investigate problems. This course provides opportunities for the student to develop concepts basic to the earth, including its materials, processes, history, and environment in space. Topics include origin of the universe and solar system, life cycle of stars, formation of rocks, land forms, plate tectonics, oceanography, meteorology and weather

The course of instruction will be broken into four major subject areas as follows: (1) Astronomy; (2) Meteorology; (3) Oceanography; and (4) Geology. The textbook, *Earth Science*, by Holt, Rinehart and Winston will provide the general framework for the course. On-line resources to help you make the most of your science experience may be available...your teacher will provide information as it becomes available:

### SYLLABUS

<i>Major Subject</i>	<i>Chapters</i>	<i>time(weeks)</i>
Introduction / Mapping	1, 3	2
Dynamic Earth (Geology)	2,10-13	8
Minerals & Rocks (Geology)	4,5,6	4
Weathering & Erosion; Geo Time	14-18	4
Meteorology & Oceanography	19-24	10
Astronomy	26-30	8

### PROGRAM GOALS

The standards for Earth/Space Science are designed to provide students with a detailed understanding of the SYSTEMS that govern the Earth. The program centers on the student's ability to:

- achieve a solid base of knowledge in this field
- make informed decisions based on this knowledge
- analyze and communicate information
- actively conduct scientific experiments
- make connections within science and other disciplines.

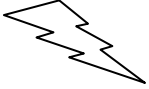
### GRADING POLICIES

1. You will be graded on a point system. A specific number of points will be awarded to all assigned work. At the end of the six-week grading period, your cumulative point total is divided by the maximum possible to determine the percentage. Your grade is determined based on the Pinellas County Grading Scale. The approximate range of assigned point values for particular graded items is as follows:

<i>item</i>	<i>point value</i>
Tests and quizzes	25 -100
Labs and activities	10 - 30
Homework/classwork	5-20

2. Makeup Tests, Quizzes & Labs/Late homework.
  - The number of days a student has to complete make-up work is equal to the number of days the student was absent.
  - **Late homework 50% off.** All homework is due at the beginning of the class period on the due day. Homework due on a day missed from an excused absence is due the day the **student returns to school.** Other than homework, Lab reports and other activities assigned for completion outside of class will be reduced by 10% for each day that it is late.

- For missed quizzes and tests, a student must make arrangements with the teacher on the day he/she returns.
  - Work made up after an UNEXCUSED ABSENCE will be dropped **one letter** grade.
3. Extra Credit. The total number of bonus points which a student may earn during a grading period **may not exceed three per cent** of the maximum point total. Students may earn extra credit in the following ways:
- Current Event... see teacher for guidance sheet
  - *TV Program SUMMARY:* TV program summaries will require a special guidance sheet available upon request.
  - A maximum of **one extra credit project per week** will be accepted from any particular student.
  - **Excessive tardies (>3) will result in the loss of and the eligibility for extra credit.**



### **STUDENT RESPONSIBILITIES**

1. The following **materials** are **required** for class:  
3-ring notebook, loose-leaf paper, **pens** and **pencils**,
2. The following material are **optional**: 4-function calculator, small metric ruler, small set of **colored pencils**
3. In order to ensure that an appropriate classroom learning environment is maintained for the benefit of ALL, the following rules are established to govern the behavior of those who require such guidance:

**Rule#1: Be on time for class.**

**Rule#2: Be ready to learn:** (*pencil, pen, paper, completed homework, no food or drink...water OK*)

**Rule#3: Be respectful to everyone at all times.**

**Rule#4: Speak only when it is your turn.**

**Rule#5: Do not lie, cheat or steal.**

**Rule#6: NO CELL PHONES and IPODS.**

These as well as all **PHUHS school rules will be enforced** and will normally involve a sequence of

- verbal warning,
- classroom detention,
- and administrative referral, in accordance with school policy.
- Should circumstances so dictate, lower levels of action may be omitted in order to appropriately address a particular situation. Cheating will be dealt with on a case-by-case basis.

### **SUMMARY.**

*You control the value you get out of your education!* Your rewards from this course will be directly related to your investment of time and energy into it. This course will be worthless unless you take action and use the ideas in it and become an active, energetic learner!

Be **HONEST**...be **POLITE** and **RESPECTFUL**...be **RESPONSIBLE!!!**



**J. A. Schrock**  
**Palm Harbor University High School**  
*Welcome, and good luck!*