

HONORS EARTH SCIENCE CLASS SYLLABUS

Mrs. Fowlkes

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COURSE DESCRIPTION: The Earth/Environmental curriculum is a ninth grade course that focuses on the function of the Earth's systems. Emphasis is placed on matter, energy, plate tectonics, origin and evolution of the earth and solar system, environmental awareness, materials availability, and the cycles that circulate energy and material through the earth system.

Honors Earth Science is designed to give the student a more challenging and in-depth experience of the North Carolina Standard Course of Study in Earth Science. In addition to the SCS goals and objectives, students are expected to: design and carry out several independent investigations of earth science questions, read and report on recent research in earth science, and demonstrate a more in-depth conceptual understanding of all earth science objectives.

Note: We will be going outside over the course of the year. All students are expected to participate.

OBJECTIVES: Upon completion of this course students will:

1. Have developed abilities necessary to do and understand scientific inquiry in the earth and environmental sciences.
2. Be able to demonstrate an understanding of earth materials, tectonic processes, and the human and environmental impacts of natural and human-induced changes in the earth.
3. Be able to understand the origin and evolution of the earth.
4. Be able to show an understanding of the earth's water systems and their interactions and influences on the land, atmosphere and environmental quality.
5. Be able to describe the dynamics and composition of the atmosphere and its local and global processes influencing climate and air quality.
6. Have acquired an understanding of the earth in the solar system and its position in the universe.

MATERIALS NEEDED:

- * 3 spiral notebooks
- * 4 glue sticks
- * set of colored pencils
- * highlighters (2 colors)
- * scissors

<u>GRADE:</u>	*Tests & Projects =	40%
	* Quizzes =	25%
	* Class Work =	20%
	* Participation =	15%

<u>GRADING SCALE:</u>	A Superior	100-93
	B Good	92-85
	C Average	84-77
	D Poor	76-70
	F Failing	69 and below

MAKE-UP WORK: Making up missed work is the **responsibility of the student**. Please make sure that you obtain any missed work according to the following guidelines:

1. Assignments/tests are to be completed and returned to teacher 2 days after student's return to school.
2. Labs can be made up on Thursdays after school.
3. *Students must set up an appointment with the teacher in order to recover credit for assignments handed in past the due date.*

ATTENDANCE POLICY: See student handbook.

TUTORING: Tutoring will be available to help students Thursdays, after school and by appointment throughout the week.

CLASS CODE OF ETHICS:

1. Keep your hands and feet to yourself.
2. Follow ALL directions.
3. No profanity or malicious teasing.

SCIENCE CLUB: The Science Club is offered to any student who is enrolled in a science course during the school year. Opportunities for field trips and guest speakers are given to members. The club meets the 2nd Wednesday of each month in room E-14.