

Syllabus

Earth/Environmental Science

Contact Information

Mr. Daniel Huygens

Room 16

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Remind Code (Text the code to 81010 to join the class)

@828kf6

Class Materials

Required:

- Something to write with (Pencil Preferred)
- Something to write on (3 ring binder with loose leaf paper OR single subject notebook)
- Positive Mental Attitude - Every Day!

Suggested:

- Colored Pencils
- Highlighter
- Index Cards

Expectations and Goals

This course will explore Earth's systems. Every week will include notes, homework, and discussion boards. Quizzes and projects will be incorporated throughout, and each unit will have a unit test. You are expected to try your best and complete all assignments.

Grading Policy

Tests 40%, Quizzes 25%, Homework/Classwork 35%

Grading Scale:

A	100 - 90	4.0
B	89 - 80	3.0
C	79 - 70	2.0
D	69 - 60	1.0
F	59 - 0	0.0

Attendance/Late Work

Attendance is expected of each student every day. If you miss any day, you must have an excused absence. Attendance will be taken daily. Per East Duplin High School policy, five (5) or more unexcused absences will result in a failing grade for the course. If you miss class for any reason, you have 3 days to return an excuse AND make up any missed assignments. After three (3) days, the assignments will not be accepted and will be marked as a 0.

Tardiness will not be tolerated. If you arrive in class after the bell, you are considered tardy. Tardy Policy:

- 1st and 2nd Tardy: Teacher Warning
- 3rd Tardy: Lunch Detention
- 4th Tardy: After School Detention
- 5th or 6th Tardy: In-School Suspension
- 7th Tardy: Out of School Suspension/Loss of Parking Privileges

Academic Dishonesty

All submitted work must be your own. You may not do any of the following:

1. Turn in or copy someone else's work.
2. Copy someone's work and change a few of the words.
3. Copying words from a source without properly citing the source.
4. Looking or cheating off of another student's test.

Any of the above will constitute cheating. If you are found to be in violation of cheating, you will receive a 0 for the assignments, and a disciplinary referral.

Other Classroom Policies

- Raise your hand to speak during class.
- Ask permission to leave your seat.
- Wait for an appropriate time to ask to use the restroom.
- Come to class prepared.
- Be respectful to everyone.
- No headphones unless specified otherwise by the teacher.
- Cell phones must be put away unless specified otherwise by the teacher.
 - Violation of cell phone policy will result in your phone being taken.
 - No photography or videos inside the classroom unless you have asked for permission from the teacher.
- Any water must be in a sealed container.
- No food outside of designated meal times.
- Respect all property in the classroom.
- Clean up after yourself.

Organization is the Key to Success

Topics to be Covered:

Unit of Study	Objectives	General Subtopics
Astronomy	1.1.1 1.1.2 1.1.3 1.1.4	<ul style="list-style-type: none"> • Formation of Universe Star Formation (include planetary formation) • Fusion • Electromagnetic Waves • Sun and Earth • Earth Motions
Rock Cycle	2.1.1	<ul style="list-style-type: none"> • Rock Cycle • Rock Types and Formation
Plate Tectonics	2.1.1 2.1.2	<ul style="list-style-type: none"> • Earth Structure • Driving Forces • Types of Boundaries • Plate Boundary Features
Volcanoes and Earthquakes	2.1.1 2.1.2 2.1.4	<ul style="list-style-type: none"> • Earthquakes <ul style="list-style-type: none"> • Elastic Rebound Theory • Earthquake Waves • Locating Earthquakes • Earthquake Dangers and Predicting Earthquakes • Volcanoes <ul style="list-style-type: none"> • Types of Volcanoes • Types of Eruptions • Dangers of Volcanoes and Predicting Earthquakes
Weathering and Erosion	2.1.1 2.1.3 2.1.4	<ul style="list-style-type: none"> • Physical and Chemical Weathering • Erosional Processes • Erosional Formations • Soil Formation
NC Geologic History	2.1.1	<ul style="list-style-type: none"> • NC History Geologic History • NC Geologic Landforms

Land Uses	2.2.1 2.2.2 2.8.1 2.8.2	<ul style="list-style-type: none"> • Mining and Drilling • Energy Resources • Agriculture • Forestry • Urbanization
Hydrosphere	1.1.2 2.3.1 2.3.2	<ul style="list-style-type: none"> • Ocean Currents • Tides • Hydrological Cycle
Weather	2.5.1 2.5.2 2.5.3 2.5.4	<ul style="list-style-type: none"> • Atmosphere Structure • Water Vapor in the Atmosphere • Pressure Systems • Air Masses and Fronts • Weather Maps

		<ul style="list-style-type: none"> • Storms
Climate	2.6.1 2.6.2 2.6.4	<ul style="list-style-type: none"> • Climate vs Weather • Koppen Climate Classification • Natural Climate Changes
Ecology	2.7.1 2.7.2 2.7.3 2.8.3	<ul style="list-style-type: none"> • Biosphere • Biomes and Ecosystems • Abiotic vs Biotic • Carrying Capacity • Biodiversity • NC Biomes • Invasive Species
Conservation and Stewardship	2.2.1 2.2.2 2.4.1 2.4.2 2.5.5 2.6.3 2.6.4 2.7.2 2.7.3 2.8.1 2.8.2 2.8.3 2.8.4	<ul style="list-style-type: none"> • Water Pollution • Water Conservation • Air Pollution • Climate Change • Alternate Energy • Sustainability • “Reduce, Reuse, Recycle” • Loss of Biodiversity

