

Tug Valley High School Earth Science 2022-2023

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Course Description

Earth Science is the study of the Earth and its neighbors in space. Nearly everything we do each day is connected in some way to Earth: oceans, atmosphere, plants and animals. This course will focus on the four basic areas of Earth Science: geology, oceanography, meteorology and astronomy.

Goals

- Expand our understanding of Earth and its history and dynamics.
- Provide an interactive, collaborative and productive work environment that supports the learning of the four disciplines: geology, oceanography, meteorology and astronomy.
- Strengthen verbal, non-verbal, written and visual communication skills by way of projects, presentations, and group work.

Required Materials

- a. Writing instruments: color nonspecific; HOWEVER, please do not write in highlighter
- b. Three Ring Binder
- c. Notebook Paper
- d. Notebook Dividers

If, at any point in the school year, you have issues obtaining school supplies, please contact me and I will help in any way possible.

Class Rules

- **Late Work Policy- no work will be accepted after 3 days without an excused absence. For every day that the work is late, a letter grade will be deducted.**
- **Students' cell phones will be contained at the beginning of class and will receive them at the end. NO electronic devices may be used in the classroom unless the teacher explicitly states otherwise.**
- **For each semester in each core Freshman course, students will receive 3-bathroom passes (medical exceptions aside).**

Grading

1. Summative Assessments: 50%
2. Labs/Projects: 30%
3. Classwork and Homework: 20%

Classwork and Homework: With minor exceptions, all bell work, homework, notes, and class activities will be kept in the science notebook. The science notebook itself will not be a grade, however some of the items in the notebook WILL be a grade. Classwork, such as bell work or exit tickets, may be collected randomly and given a grade, varying in points. NOTE: homework in this course will only consist of work not finished in the classroom.

Lab Safety

Students will respect the rights of others in the classroom, and the school's equipment and facilities. It is a privilege to do labs. They help to make learning meaningful, fun and exciting. For safety reasons, a student who behaves inappropriately during labs will not be allowed to finish the lab and must complete an alternative assignment. If horseplay is involved, the student potentially endangers other students in class and will be referred to the office and possibly barred from all future labs.

Earth and Space Science Curriculum

First Semester

Unit 1: Introduction to Earth Science

Unit 2: Composition of the Earth

Unit 3: Dynamic Earth

Unit 4: Geologic Time

Second Semester

Unit 5: Atmosphere and the Oceans

Unit 6: Surface Processes

Unit 7: Space

Science and Engineering Practices

All science courses will focus on helping students become proficient in eight science and engineering practices.

1. Asking Questions and Defining Problems
2. Developing and Using Models
3. Planning and Carrying Out Investigations
4. Analyzing and Interpreting Data
5. Using Mathematics and Computational Thinking
6. Constructing Explanations and Designing Solutions
7. Engaging in Argument from Evidence
8. Obtaining, Evaluating, and Communicating Information

Plagiarism and Cheating

In this increasingly technological society, it is becoming easier and easier for students to plagiarize assignments or “cheat” on quizzes and tests. We will be using a variety of in class technologies that lend to the possibility of cheating. **CHEATING WILL NOT BE TOLERATED!** Cheating is considered a violation of the Student Code of Conduct. **Cheating is an AUTOMATIC REFERRAL and a NON REPLACEABLE ZERO.**

Earth Science Syllabus Contract

Student (LEGAL First Last) _____ **Period:** _____

Student's Preferred Name: _____

I, _____, am the parent or legal guardian of _____, a student at Tug Valley High School enrolled in Earth Science. My child and I have read and understand the syllabus. My child and I understand that this syllabus is an agreement between the teacher and the student. By signing, my child and I agree without contest to ALL of the terms described in this document. My child and I also understand that we are expected to follow all rules and guidelines discussed in this syllabus and the Mingo County Student Code of Conduct.

Student Signature

Date

Legal Guardian Signature

Date

Legal Guardian Contact Information

Please include your contact information. Mark your PREFERRED contact method and PREFERRED contact times.

Contact Name: _____ Relationship: _____

_____ Phone (with area code): _____

_____ Email: _____

Contact time (circle): Morning (6:30-9:00 AM) Lunch (12:30-1:00 PM) Afternoon (3:00-5:00 PM)

Preferred Contact Day(s) (circle): Monday Tuesday Wednesday Thursday Friday

Note: Typically, Live Grades contact information is used to make contact with parents. This information will be used in the event of an emergency if Live Grades is unavailable or inaccurate. **It is the parent's responsibility to check that the Live Grades contact information is accurate and current at ALL TIMES.**

Additional Information

Medical: List of allergies and relevant medical conditions. Include relevant FOOD allergies as well.

Student Acknowledgment: Please initial.

_____ I understand that safety violations in the lab will not be tolerated for any reason and will bar me from future lab activities.

_____ I have read and fully understand the late work policy.

_____ I have read and fully understand the cellphone policy.

_____ I have read and fully understand the cheating policy.