Course Syllabus and Lab Safety Contract Signature Page

Antioch High School

Course: Earth Science **Instructor: Mr. Mar**

Print Student Name: _____

Date: _____ **Period: _____**

Antioch Unified School District

Student/Parent Science Lab Safety Contract

I have read and understand the Antioch Unified School District Laboratory Safety Procedures. I agree to abide by them and follow any additional verbal or written instructions given by the teacher or district. I understand that failure to follow the Laboratory Safety Procedures will result in an assigned consequence. Consequences may include paying for damaged materials/equipment, removal from activities, or a referral.

My signature below indicates that I have read through the course syllabus and laboratory safety procedures carefully and will take full responsibility for my conduct and work ethic in this class.

Student Signature: _____ Date: _____

I have reviewed the science laboratory rules and course syllabus with my student. I understand that there will be consequences for failing to follow lab safety rules, which may include paying for materials and equipment which are damaged as a result of misbehavior.

Parent/Guardian Signature: _____ Date: _____

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Syllabus – Earth Science
Grade Level: 11,12 / Course Length: 1 year / Graduation requirement: No / CSU/UC approved: Yes

I. Course Description:
Earth science topics include Earth's place in the universe, dynamic Earth processes, energy in the Earth system, cycles, structure and composition of the atmosphere, and geology.

II. Course Goals:
Students will learn:

1) Astronomy and planetary exploration reveal the solar system's structure, scale, and change over time.
2) Earth-based and space-based astronomy reveals the structure, scale, and changes in stars, galaxies, and the universe over time.
3) Plate tectonics operating over geologic time has changed the patterns of land, sea, and mountains on Earth's surface.
4) Energy enters the Earth system primarily as solar radiation and eventually escapes as heat.
5) Heating of Earth's surface and atmosphere by the sun drives convection within the atmosphere and oceans, producing winds and ocean currents.
6) Climate is the long-term average of a region's weather and depends on many factors.
7) Life has changed Earth's atmosphere, and changes in the atmosphere affect conditions for life.
8) The geology of the Earth underlies the wealth of natural resources as well as its natural hazards.

III. Supplies:
Notebook, binder paper, pens (dark blue and black only), colored pencils/pens, metric ruler, #2 pencils (sharpened with eraser), calculator (scientific), graph paper, school planner. Any support or donations from parents are greatly appreciated.

IV. Course Expectations:

1) Be seated before the bell rings.
2) Bring your textbook to class every day and be ready to work.
3) Be courteous and respectful to everyone.
4) Put food, gum, and drink out of sight.
5) Use care with classroom equipment and clean up after yourself.
6) **USE THE RESTROOM DURING BREAK.**
7) **CELL PHONES MUST BE PUT AWAY DURING CLASS TIME. THE ONLY TIME PHONES SHOULD BE VISIBLE IS IF THEY ARE BEING USED AS PART OF CLASS WORK. ANY STUDENT WITH A CELL PHONE VISIBLE WILL BE ASKED TO PUT IT AWAY AS A REMINDER. IF THE STUDENT CONTINUES TO HAVE THEIR PHONE OUT, THEY WILL NEED TO HAND IT OVER TO THE TEACHER FOR THE REMAINDER OF THE PERIOD.**
8) Parents and students must read the Antioch Unified School District Safety Contract and syllabus, sign it, and return the signed portion to the instructor.

V. Participation in Group Activities:

1) Laboratory work will require students to work in cooperative groups. Each student must actively participate in the laboratory work.
2) The AUSD Safety Contract Rules must be followed.
3) Students are required to use the guidelines of the Panther Profile Collaborative Worker.

VI. Attendance/Tardy Policy:
Students are expected to be in class every day.
Students are to be in their assigned seat before the tardy bell rings. Excessive tardies will result in detention and / or referrals to the vice-principal.

VII. Discipline Policy:
Failure to follow any of the classroom rules, all guidelines for behavior and codes of conduct outlined in the AHS Student Handbook, and the AUSD Safety Rules and Contract may result in detention in which clean up duty may be assigned. You will be given one day to make the necessary arrangements (ie. Transportation) and to attend detention. Failure to attend will result in a referral to the vice-principal. Students will be billed for any equipment breakage.

VIII. Grading:

1) Grades will be determined using a point system. Every assignment will be assigned a point value. At the end of each grading period, all points will be totaled.
2) A = 90% – 100% B = 80% - 89% C = 70% - 79% D = 60% - 69% F = below 60%

3) **<u>Turn your work in on time. Late work will only receive partial credit.</u>**
4) If you are absent, it is **your responsibility** to ask for the absent work. You will have the number of days that you were absent to make-up and to turn in missed work. You may NOT make-up work if your absence is due to cuts and / or suspensions. Any work assigned before you were absent is due on the day you return.
5) Tests are announced several days in advance, and you are expected to take them even if you are absent the day before the test is given.
6) If you are absent on the day of the test, you will have **one week** from the date of the test to make it up and only if the absence is excused. You will need to see me to make an appointment.
7) Grades are a running total for the entire semester and will **NOT** be curved. You are advised to **<u>keep up with work</u>** at the very beginning. **No extra credit** will be given to make-up for missed assignments at any time.

IX. Communication:

Teacher School Email: edwardmar@antiochschools.net
Classroom Voice Mail: 779-7550x40120
* Quarterly Progress/Report Cards
*Parent Portal

AUSD Laboratory Safety Rules

1. Read and follow all instructions carefully before beginning your lab. You may only perform experiments authorized by the teacher.
2. Know where all safety equipment is located and be able to demonstrate how to use it. Report all accidents, spills, or injuries to the teacher immediately!
3. **NEVER** eat or drink in the lab.
4. Conduct yourself in a responsible manner at all times. No running, pushing, horseplay or practical jokes are allowed.
5. Dress appropriately in the laboratory.
    a. Wear safety goggles, aprons, gloves, and close-toed shoes when so instructed.
    b. Keep sleeves pushed up above your elbows.
    c. Remove coats, jackets and bulky outerwear.
    d. Don't wear loose-fitting clothes on lab days.
    e. Tie back long hair.
6. Use care when working around open flames and heat.
    a. NEVER leave a lit burner or other hot equipment unattended.
    b. NEVER reach over an open flame.
    c. NEVER use bare hands to handle hot objects.
    d. NEVER heat a closed container.
    e. NEVER point the open end of a test tube at anyone, including yourself.
    f. Keep all flammable materials away from an open flame.
7. Use care when working with chemicals.
    a. NEVER taste or touch substances without your teacher's okay.
    b. Only use materials from a properly labeled container.
    c. NEVER return unused chemicals to stock bottles.
    d. Always use the proper method (waft air towards you) when smelling materials. Never inhale the fumes.
    e. Immediately rinse skin and clothing with water should chemical contact occur.
8. You are responsible for the materials and equipment you use. Report all equipment problems **BEFORE** beginning your lab. Use only materials and equipment authorized by your teacher, and do not remove any equipment or materials from the classroom.
9. Use care in handling lab materials, equipment, and computers. If you are unsure of the proper way to perform a task or use the equipment/materials, **ASK!**
10. Never look directly at the sun or use direct sunlight when using optical instruments-microscopes, telescopes, magnifying glasses, and/or binoculars.
11. Cleanup is your responsibility. Dispose of all used and unused materials as directed by your teacher. Materials which are saved must be clearly labeled as to contents, date, and owners, then properly stored. No student may leave the lab until all areas and equipment are cleaned and replaced as instructed.