

Earth & Space Syllabus 2026-2027

Ms. Domke

Contact Information

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Conference period: 1st hour

Room: 238

Course Overview

Prerequisite: none

Earth and Space Science explores the processes that shape our planet and the universe beyond. Students investigate Earth's systems, including the geosphere, hydrosphere, atmosphere, and biosphere, and examine topics such as rocks and minerals, plate tectonics, weather and climate, and the solar system. Through hands-on labs, data analysis, and scientific inquiry, students learn how Earth's processes interact and how human activity impacts our planet. The course also introduces astronomy concepts, helping students understand Earth's place in the universe and the forces that govern it.

Course Objectives

This is a preparatory course for entrance to Biology, Chemistry, Anatomy & Physiology, Honors Chemistry, and AP Biology.

Required Materials

- Pencil
- A 1.5-2 inch binder
- Notebook or loose leaf paper
- A charged Chromebook

Grading Scale

A (94-100%) A- (90-93)

B+ (87-89) B (84-86) B- (80-83)

C+ (77-79) C (74-76) C- (70-73)

D+ (67-69) D (64-66) D- (60-63)

E (0-59)

Test and Homework Expectations

Any student caught cheating will receive a **zero** on the assignment, parent/guardian will be contacted, and the student will get a referral to the office. Examples of cheating: AI usage, unauthorized collaboration, unauthorized cheat sheets/notes, plagiarism, etc.

Late Work

If you are absent, you get the same amount of work time per assignment that everyone else got to complete the work upon your return. 10% is taken off your grade for every day late, a maximum of 50% can be taken off. **Once a unit test has been taken, no late work will be accepted for a grade.** All work must be completed a **week before** the end of the quarter to be considered for acceptance.

Extra Credit

Not to be expected but there will be opportunities for extra credit periodically. If you have **missing work**, you can **NOT** ask for extra credit.

Online Platforms

It is your responsibility as a student to check your school email and any online platforms associated with the class weekly!

Google Classroom: I will be using Google Classroom to post the agenda weekly. I will upload notes, videos, assignments, etc. for those who are absent or for you to review.

Inspire Earth Science/SmartBook: We will be using McGraw-Hill Inspire Earth Science and SmartBook online platform. This allows students to have an online version of the textbook, access to study materials, assignments, virtual labs, and more.

MiStar: All attendance and grades will be entered into MiStar. It is your responsibility to occasionally check your grades. This is how you can check to make sure you have no missing assignments. Missing assignments may be found in your binder, unless you lost it, you will need to ask for a copy. It is your responsibility to gather and complete any missing work.

Parent Square: Parent Square will be used for communication with students and parents. Make sure you have your account set up so we can communicate effectively.

Use of Technology

No phones, smartwatches, or earbuds are to be used from **8am-3pm**. No exceptions! Refer to SHAS phone policy for more details. Chromebooks will occasionally be used for educational purposes and **only** when given instruction/permission by the teacher.

Classroom Expectations

- Students are expected to **be present** and active members of the classroom daily.
- Students are expected to come to class **prepared** with all necessary materials and completed assignments to learn and participate in all classroom activities.
- Students are expected to **be respectful** of the teacher, the classroom, and their peers.

Follow 4 B's and refer to the student handbook for school expectations.

Classroom Rules and Procedures

1. Respect others and their property
2. Be on time
3. Follow the directions the first time they are given
4. Raise your hand before speaking
5. Keep your hands, feet, and other objects to yourself
6. Use class time appropriately
7. Use school appropriate language and behaviors
8. Keep your area clean, pick up after yourself
9. Remain in your assigned seat
10. You can NOT leave the classroom without signing out on SmartPass
11. Communicate concerns, worries, and even victories with me
12. If you are absent you must gather your own missing notes/work

Tips for Success

Studying and tutoring are often great tools for success. If you want or need extra help and/or tips to succeed please come talk to me and we can schedule a meeting to discuss options.

Lab Safety

Lab Safety will be discussed in class and there will be a required lab safety quiz that must be passed with 80% or higher to be able to participate in labs.

Discipline

Minor Infractions (throwing things, talking out of turn, not being seated, etc..)

1. Verbal warning
2. Call home to parent/guardian
3. Office Referral

Major Infractions (disrespect, fighting, threatening, inappropriate language, etc..)

1. Automatic Office Referral
2. Call home to parent/guardian

Course Outline

Semester 1:

Unit 1: Composition of Earth

Unit 2: Surface Processes on Earth

Unit 3: The Atmosphere and the Oceans

Unit 4: The Dynamic Earth

Semester 2:

Unit 5: Geologic Time

Unit 6: Resources and the Environment

Unit 7: Beyond Earth

Proof of Acknowledgement

I have read and fully understand the syllabus for Earth & Space. I acknowledge that I will be held to the rules and expectations listed within this syllabus. Please sign, date, and return student and parent/guardian signatures to Ms. Domke by Friday.

Date: _____

Student Signature: _____

Parent/Guardian Signature: _____