

# Earth Space Science Syllabus

Charlotte High School

2023-2024

**Instructor:** Ms. Gravino

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## I. Course Description

Number of Credits: 1

Earth/Space Science focuses on the study of space, geologic structures and forces, the waters on our planet, the atmospheric forces that shape our world, and the history of life on Earth. Upon completion of the course, students will have a clear understanding of the nature of science and scientific inquiry, Earth's geologic and life history, the scientific theory of evolution, space exploration and technology, the solar system and universe, Earth's layers and plate tectonics, oceanography, and global climate change and meteorology.

## II. Textbook

*Florida Earth Science: Geology, The Environment, & The Universe*

McGraw-Hill Education, 2019

## III. Course Outline

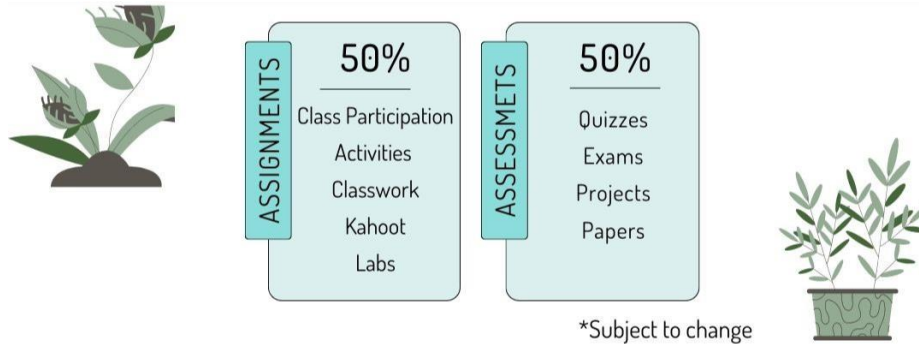
<p>1st Quarter:</p> <p><u>Introduction to Earth Science (Unit 1):</u></p> <p>Chapter 1: The Nature of Science</p> <p>Chapter 2: Mapping Our World</p> <p><u>Meteorology and Weather (Unit 2):</u></p> <p>Chapter 11: Atmosphere</p> <p>Chapter 12: Meteorology</p> <p>Chapter 13: The Nature of Storms</p> <p>Chapter 14: Climate</p> <p>Chapter 15: Earth's Oceans</p> <p>Chapter 16: The Marine Environment</p>	<p>2nd Quarter:</p> <p><u>The Rock Cycle (Unit 3):</u></p> <p>Chapter 3: Matter and Change</p> <p>Chapter 4: Minerals</p> <p>Chapter 5: Igneous Rocks</p> <p>Chapter 6: Sedimentary and Metamorphic Rocks</p> <p><u>Resources and the Environment (Unit 4):</u></p> <p>Chapter 24: Earth Resources</p> <p>Chapter 25: Energy Resources</p> <p>Chapter 26: Human Impact on Resources</p>
<p>3rd Quarter:</p> <p><u>Forces That Shape the Earth (Unit 5):</u></p> <p>Chapter 7: Weathering, Erosion, and Soil</p> <p>Chapter 8: Mass Movements, Wind, and Glaciers</p> <p>Chapter 17: Plate Tectonics</p> <p>Chapter 18: Volcanism</p> <p>Chapter 19: Earthquakes</p> <p>Chapter 20: Mountain Building</p>	<p>4th Quarter:</p> <p><u>Historical Geology and Evolution (Unit 6):</u></p> <p>Chapter 21: Fossils and the Rock Record</p> <p>Chapter 22: The Precambrian Earth</p> <p>Chapter 23: The Paleozoic, Mesozoic, and Cenozoic Eras</p>

Make-up work in the event of an absence: The Charlotte County Code of Student Conduct allows **two school days** for every missed day to make up the work for an absence. All absences must be reported and explained by a parent or guardian within two school days after the students' return to school.

★ Missed exams, tests, or quizzes will be rescheduled at the discretion of the teacher.

## IV. Grading Policy

Late Work: will be accepted for reduced credit.



## V. Required Class Materials

- A plastic three prong folder that will stay in the classroom.
- Students will need to access the following tools on a regular basis (available through ClassLink):
  - Canvas: access to notes, completing assignments, and taking assessments.
  - FOCUS: student and parent access to the online gradebook, which should be checked weekly.
  - Remind: text or email communication with the teacher through the Remind app.
  - Other tools: Google Docs, Sheets, Slides, and Drive

## VI. Classroom Policies and Expectations

After two warnings you will be sent out and your parents/guardians will be contacted.

1. Stay seated – the entire class and until the bell rings.
2. Sit in your assigned seat.
3. Come prepared. Get your folder, Chromebook, or whatever is required that day. Do **NOT** sit and do nothing for ten minutes and then ask for a pencil.
4. Do the assignment that is given that day. Doing anything other than the assignment is considered “off task behavior.” This includes drawing, playing games on the computer, or working on other classes’ work.
5. No eating or drinking – unless I give it to you.
6. **You get two (2) bathroom passes each week.** Go to the bathroom and fill up your water bottles BEFORE class. Going anywhere except the bathroom is considered skipping.
7. No talking when I’m talking. This specifically means no talking during daily directions and during lectures.
8. Do not take work out of anybody else’s folders. If you need to copy notes, see me.
9. No destroying property: including classroom supplies, art supplies, pencils, papers I hand out, etc.
10. No profanity or slurs. Use appropriate language at all times.
11. **No phones during class time at all. *This is not my policy. It’s the school’s policy.***
  - a. First time – I keep it until the bell rings.
  - b. Second time – You pick it up after 7<sup>th</sup> period from the dean’s office.
  - c. Third time (and every time after) – I send it to the office for a parent to pick up.
12. No bullying. Anything you do to be mean on purpose is considered bullying. **It is an automatic referral.**
13. No opening the classroom door or leaving without permission.
14. No lining up by the door at the end of class. Stay seated until the bell rings. We will not leave until everyone is seated. If this becomes an issue, we will not leave until 30 seconds after the bell rings.
15. Leaving to go to the gym, the cafeteria, or the art room is against school rules.
16. No arguing or negotiating with me once I give a direction. The answer is still going to be no.
17. Appropriate computer use – this includes trying to get around the LightSpeed monitoring program.
18. Do not come in when it is not your class period. It is distracting.
19. Do not go behind my desk, open my drawers or cabinets, or sit in my chair.
20. **Be to class on time** – do not expect to leave class if you’re late. The school’s policy is that anyone tardy will get their phone taken.
21. Be a team player about putting away chrome books or chairs. Don’t argue that something isn’t yours.
22. No throwing anything.