

Earth Space Science/Integrated Science

Course Syllabus 2023-2024

Lemon Bay High School

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Room 04-207

Textbook: McGraw-Hill "Earth Science"

Welcome to Earth Space Science! This year we will learn about how the Earth came to be, natural phenomena that happens within and on the Earth, and how humans utilize Earth's natural resources.

What topics will we learn about this year?

This course is organized into 8 units. The units are as follows:

Semester 1

- INTRODUCTION (Unit 1): Earth Science
 - Chapter 1: The Nature of Science
- Unit 2: Composition of Earth
 - Chapter 3: Matter & Change
 - Chapter 4: Minerals
 - Chapter 5: Igneous Rock
 - Chapter 6: Sedimentary & Metamorphic Rocks
- Unit 3: The Atmosphere & Oceans
 - Chapter 7: Weathering, Erosion Soil
 - Chapter 8: Mass Movements, Wind, Glaciers
 - Chapter 9: Surface Water
 - Chapter 10: Groundwater
- Unit 4: Surface Processes on Earth
 - Chapter 11: Atmosphere
 - Chapter 12: Meteorology
 - Chapter 13: The Nature of Storms
 - Chapter 14: Climate
 - Chapter 15: Earth's Oceans
 - Chapter 16: Marine Environments

Semester 2

- Unit 5: The Dynamic Earth
 - Chapter 17: Plate Tectonics
 - Chapter 18: Volcanism
 - Chapter 19: Earthquakes
 - Chapter 20: Mountains
- Unit 6: Geologic Time
 - Chapter 21: Fossils
 - Chapter 22: Precambrian Earth
 - Chapter 23: Paleozoic, Mesozoic & Cenozoic Eras
- Unit 7: Resources & the Environment
 - Chapter 24: Earth Resources
 - Chapter 25: Energy Resources
 - Chapter 26: Human Impact on Resources
- Unit 8: Beyond Earth
 - Chapter 27: The Sun-Earth-Moon System
 - Chapter 28: Our Solar System
 - Chapter 29: Stars
 - Chapter 30: Galaxies & the Universe

How will grades be earned?

- Activities 50%
 - Classwork
 - Bell Work
 - Homework
- Assessments 50%
 - Quizzes
 - Tests

Late Policy

- If you turn an assignment in late, 5 points will be deducted for each day that it is late.

What supplies will be needed?

- ½ -1" Three Ring Binder
- Pens or Pencils
- Headphones compatible with Chromebooks (standard 3.5 mm headphone jack)

Course Instructional Format

Instruction will be organized in and facilitated through Canvas. We will be using the HMH Textbook Online Resources (which can be accessed through the Charlotte County Classlink Launchpad Page) and Explore Learning Gizmo online simulations (instructions for accessing Gizmos will be shared during class). If you are ABSENT, please check Canvas to see what you missed.

Course Communication Format

As we work through this school year, open lines of communication will be imperative! Remind will be the primary means of communication between home and school for BOTH students and parents. However, you may also ALWAYS email me with any questions or concerns. Instructions for joining period specific Remind groups are in the table below.

Biology Class Period	Remind Join Option Instructions
Period 1	Text @klynshar to 81010 for text notifications, OR Go to https://www.remind.com/join/klynshar
Period 2	Text @klynsharp to 81010 for text notifications, OR Go to https://www.remind.com/join/klynsharp
Period 3	Text @ghg9692 to 81010 for text notifications, OR Go to https://www.remind.com/join/ghg9692
Period 5	Text @adcahh to 81010 for text notifications, OR Go to https://www.remind.com/join/adcahh
Period 6	Text @268hdah to 81010 for text notifications, OR Go to https://www.remind.com/join/268hdah

Class Environment & Expectations

- Our classroom will be a MUTUALLY RESPECTFUL ENVIRONMENT. Treat one another and our classroom with respect.
- Attendance is IMPORTANT! To be a successful learner, your presence in class is essential.
- Assignments turned in COMPLETE and ON TIME.
- Arrive on time, gather binder and pencil/supplies, stow backpack and electronic devices away in designated area, sit in assigned seat and begin bell work.
- 20/10 Rule in effect.

- Remain seated until dismissed.
- HAVE FUN!!