

## Tardy Policy

Everywhere you go in life, people will expect you to be on time. The BCHS policy is that for all periods **OTHER** than 1<sup>st</sup> / 2<sup>nd</sup>, being tardy will result in an automatic 1-hour detention. Frequent tardies to any period will result in a referral to your administrator.

## Homework Policy

Homework is assigned **weekly** and is due the following week. Late homework is for 50% credit. Assignments may vary, but will be posted to the **online**, which you can access through FOCUS.

## Standards

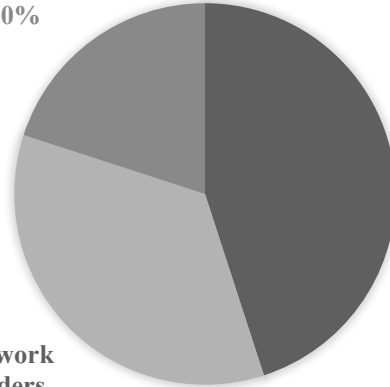
The state of Florida has listed all the concepts you are expected to master in order to pass this course. These include standards in science, but also some in **reading, writing, speaking & listening, and math**. We *will* be reading, we *will* be writing, and we *will* be using math in this course because these are all part of science.

# Class Syllabus

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## GRADE BREAKDOWN

Homework  
20%



Tests &  
Quizzes  
45%

Classwork  
/ Binders  
35%

## Miss a class?

It is **YOUR** responsibility to ask for – and complete – any work you missed. You may ask your classmates, you can check the calendar by the make up work bin, and you can also check FOCUS for missing assignments. Often, work is posted to the **online** for your reference. Miss a **test** or **quiz**? Arrange with me a time to take it during lunch or after school.

## Extra Credit? No Problem!

If you have completed your expected classwork and homework but need a little extra credit to make up for a bad test day, we can arrange that. Extra credit will be given in return for an agreed-upon inquiry or research project.

## Why Earth Space Science?

This course will explore our planet and the tiny portion of space which it occupies. We will be building off of information you have learned already in both elementary and middle school, but going into deeper learning. Our goal is to prepare you for not only higher level science courses, but to think critically about the world around you. To do this, we will be developing scientific skills: *analyzing* information, *thinking* like a scientist, supporting that thinking with *evidence*, and then sharing that information by *talking* and *writing* like a scientist.

## Interactive Notebooks

Most classwork and labs will be completed in your science notebooks. I expect you to maintain an organized notebook which is truly a portfolio of your hard work in science. Responses should be thoughtful and in complete sentences, notes should be legible, illustrations & graphs should be labelled, and all work should follow the format given. If you lose your notebook, you must replace it. They will remain in the classroom unless stated otherwise.

Teacher(s):

Time:

# The Course Organizer

Student:

Course Dates:

This Course:  
**Earth Space Science Honors**

is  
about

the study of our planet's characteristics due to its unique position in the solar system

Course Questions:

- How are matter & energy transferred on Earth?
- How does that transfer affect weather systems?
- What factors contribute to climate?
- How is our planet organized structurally, and what processes occur under the surface?
- How do those and other processes affect the formation of surface features?
- How are planetary systems formed?
- What forces influence planetary systems?
- How are stars formed and what characteristics do they have?
- What is the history of life on our planet?
- How does all this relate to Biology?

Course Progression

Work will be evaluated by:

Unit Tests & Quizzes

Lab Participation & Reports

Interactive Student Notebooks

Weekly Homework

Class Discussion/Activities

Mid-term & Final Exams

**Unit 1** – Intro to Earth Space

**Unit 2** – Earth's Interior

**Unit 3** – Earth's Surface

**Unit 4** – Weather

**Unit 5** – Climate

**Midterm Exam**

**Unit 6** – Planetary Formation

**Unit 7** – Planetary Physics

**Unit 8** – The Stars & Our Sun

**Unit 9** – Earth's History

**Unit 10** – Biology Crossover

**District Final Exam**

# Course Map

# This Course: Earth Space Science Honors

Student: \_\_\_\_\_

includes

Community Principles

- Respect
- Responsibility
- Safety

Learning Rituals

Unit Organizers	Reading
Interactive Notebooks	Writing
Lab Activities	Math
Cooperative Groups	

Performance Options

Safe participation in labs  
Interactive Notebook  
Homework  
Quizzes/Tests  
Class Discussions/Work  
EC: inquiry projects

Critical Concepts

Branches of ESS	Geomagnetism	Fundamental Forces	Fossil Record
Careers in ESS	Plate Tectonics	Particle Motion	Bio/Geo History
Systems & Spheres	Seismic Waves	Gravity	Characteristics of Life
Biogeochemical cycles	Earth's Features	Kepler's & Newton's Laws	Levels of Organization
Matter & Energy transfer	Ocean Formation	Stellar Evolution	Properties of Water
Meteorology	FL Geology	Electromagnetic Spectrum	Atomic Structure
Severe Weather	Big Bang Theory	Stellar Radiation	Macromolecules
Climate Change	Astronomical Distances	Properties of the Sun	Cells
Environment/FL	Matter in the Universe	Nuclear Energy	Plants
Earth's Structure	Planetary Systems	Space Exploration	Human Impact

Learned in these Units

Intro to Earth Space

Earth's Interior

Earth's Surface

Weather

Climate

Planetary Formation

Planetary Physics

Stars & Our Sun

Earth's History

Intro to Biology