**Earth and Space Science 200 Course Expectations**

**Earth and Space Science (ESS) 200:**

**TEACHER NAME:** Jonathan Stapleton

**TEACHER EMAIL ADDRESS:** jstapleton@ccsuvt.org

**TEACHER PHONE EXTENSION:** 1501

**TIMES AVAILABLE TO MEET:** A3/4, B1/2, and B7/8 – in the Science Office (room B102). Flex Block (except for Fridays) – room C211. A Days before school in room C209. B Days before school in the Science office (B102).

**COURSE DESCRIPTION:**

This is an introductory course designed to provide students with scientific literacy in the Earth and Space Sciences. It focuses on the study of the Earth`s lithosphere, atmosphere, hydrosphere, and its relationship to other planetary bodies. Students enrolled in this course analyze and describe Earth’s interconnected systems and how they are changing due to natural processes and human influence. Topics are explored through inquiry, discussion, math applications, projects, lab investigations, research and technology. Students are expected to be able to work independently.

**COURSE PROFICIENCIES (in summary):**

* Astronomy:
  + The big bang theory
  + Stellar life cycles
  + Origin of the solar system
* Geology:
  + Earth’s early history
  + Plate tectonics, weathering, and erosion
  + Rock Dating
* Meteorology:
  + Relationships and interactions between Earth’s systems
  + Climate change modeling
* Natural Resources and Sustainability
  + Resource management
  + Designing Solutions

**GRADING, ASSESSMENT, AND REPORTING:**

Academic grades will be reported separately from learning habits. At EHS, we believe:

* Academic grades should reflect achievement of course proficiencies.
* Learning habits are necessary for academic success and should be explicitly reported.

**LEARNING HABITS:**

The EHS learning habits, **Work Completion** and **Engagement in Learning,** will be scored using the “[EHS Compliance Rubric](https://docs.google.com/document/d/1d66A4JOXnHMKfWIBNpmxVrvmd4Rpa0fwOOWXrQkjG4Q/edit?usp=sharing)” and reported separately in PowerSchool.

**ACADEMIC ACHIEVEMENT:**

**Quarter Grade Calculation and Details:**

* Tests / Projects: 50%
  + *No test retakes are allowed, but the option of test corrections is offered for partial credit recovery. When a graded test is handed back in class, students will be given the opportunity to look through and take notes relating to the questions that were missed.  The tests will then be recollected.  Students who plan to recover credit must schedule a time during the next week (ideally during flex block) to complete revisions. Students may earn up to half the points back as a result of the test corrections.*
* Quizzes: 30%
  + *The test grade at end of unit can replace lowest quiz grade of that unit if all assignments are completed by the date of the test.*
* Classwork/Homework: 20%

**Semester/Final Grade Calculations:**

* Semester 1 = Quarter 1 (40%) + Quarter 2 (40%) + Midterm Exam (20%)
* Semester 2 = Quarter 3 (40%) + Quarter 4 (40%) + Final Exam (20%)
* Final Grade = Semester 1 (50%) + Semester 2 (50%)  *[A final grade of 70% or higher is required to receive credit for this course.]*

**CLASS RESOURCES:**

**Notes/Handouts –** For each major topic, students will be given notes in the form of hole-punched handouts. Usually, the notes provide a scaffold that students are expected to fill in as we discuss the topic in class.

**Class Website:** [www.mrstapleton.com](http://www.mrstapleton.com). This is your gateway to finding all of the resources for this class, including warm-up activities, classwork and homework assignments, and links to filled-in notes and videos from class.

**YouTube Channel:** [misterstapleton](https://www.youtube.com/user/MisterStapleton/videos). Class instruction will often be videoed and uploaded to this YouTube channel. Mr. Stapleton may also make special videos on request. If you are having trouble with a concept, request an explanatory video.

**STUDENT RESPONSIBILITIES AND LEARNING EXPECTATIONS:**

**Students and parents are responsible for knowing the** [**CCSU Handbook**](https://www.ccsuvt.org/handbook) **and the** [**EHS Handbook**](https://ehs.ccsuvt.org/handbook/) **that describe school policies and procedures, academic expectations, and behavioral expectations.**

**In Stapleton’s Earth and Space Science 200, students are expected to...**

* **Respect others.** Help make the classroom a comfortable environment where everyone can learn. Monitor the volume of your voice. Use good judgement, and when in doubt, ask permission.
* **Respect the classroom and the supplies**. Use equipment and supplies appropriately and help keep the room clean and tidy/. If you break something, tell Mr. Stapleton.
* **Use Electronic devices appropriately or not at all.** Cell phones, for example, may be used for class-related and emergency purposes only, unless otherwise directed.
* **Keep an organized notebook**. You are expected to save all of your class materials. This includes notes, quizzes, tests, and other handouts. Materials for this class will be three-hole-punched, so the best way to stay organized is to keep a three ring binder.

**Complete and return this slip to Mr. Stapleton by Friday, September 1st. Keep the rest in your notebook.**

**Earth and Space Science 200- Stapleton**

**I have read and understand the course expectations for Stapleton’s ESS 200class.**

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**Student Name (Print) Student Signature/Date**

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**Parent/Guardian Name (Print) Parent/Guardian Signature/Date**