



ESSEX H.S. COURSE EXPECTATIONS

COURSE TITLE AND NUMBER: **ESS 100 (Earth and Space Science)**

TEACHER NAME: Jonathan Stapleton

TEACHER EMAIL ADDRESS: jstapleton@ewsd.org

TEACHER PHONE EXTENSION: 7093

TIMES AVAILABLE TO MEET: A1/2, A3/4, B3/4– in the Science Office (B102). Flex Block – C211.

A days before school in the Science Office (B102). B days before school in C115.

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):

- Meteorology:
 - Properties of matter
 - Relationships and interactions between Earth's systems
 - Weather and Climate
- Geology:
 - Earth's early history
 - Plate tectonics, weathering, and erosion
 - Rock Dating
- Astronomy:
 - Origin of the solar system
 - Stellar life cycles
 - The Big Bang theory

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.

ACADEMIC ACHIEVEMENT: Academic grades for all courses are reported numerically 60-100%, Below 60, or "Not Met" in PowerSchool.

Quarter Grade Calculation and Details:

- Tests /Projects: 50%
- Quizzes: 30%
- Classwork/Homework Completion: 20%

TRANSFERABLE SKILLS AND LEARNING HABITS:

For 2018-19, one course specific transferable skill and the two school wide learning habits will be scored and reported separately in PowerSchool. For this course, the transferrable skill will be *Clear and Effective Communication*. The school wide learning habits are *Work Completion* and *Engagement in Learning*.

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. 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/mrStapleton). 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. (**The channel name may have to change during the year, due to a change in Google policy.)

STUDENT RESPONSIBILITIES AND LEARNING EXPECTATIONS:

Students and parents are responsible for knowing the EWSD Handbook and the EHS Handbook Addendum that describe school policies and procedures, academic expectations, and behavioral expectations. In addition...

In Stapleton's ESS 100 class, 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.
- **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. Extra copies are available, and there is a digital copy on the class website.

Earth and Space Science 100- Stapleton

I have read and understand the course expectations for Mr. Stapleton's ESS 100 class.

Student Name (Print)

Student Signature/Date

Parent/Guardian Name (Print)

Parent/Guardian Signature/Date