****ESSEX HIGH SCHOOL COURSE EXPECTATIONS

**Course title and number:** EPS 200

**Semester/year:** 2014 - 2015  **Block:**

**Teacher name:** Jonathan Stapleton **Teacher email**: jstapleton@ccsuvt.org

**Teacher phone extension:** x1501

**Blocks/times/locations available to meet with students outside of class, including AST:**

A78, B34 – Library, Science Office, or D104. Flex Block – C211. B12(study hall) – C112.

**Course website**: [www.mrstapleton.com](file:///C%3A%5CUsers%5COwner%5CDocuments%5CMy%20Web%20Sites%5Cmrstapleton2%5CEPS%20200%5CHandouts%5Cwww.mrstapleton.com)

COURSE DESCRIPTION:

This is an introductory course designed to provide students with scientific literacy in the physical and earth sciences. Topics are explored through inquiry, discussion, math applications, projects, lab investigations, research, engineering and technology. Physics and Chemistry are woven into the three major topics of Meteorology, Astronomy, and Geology.

Teacher’s objectives:

1. To provide useful tools for understanding and dealing with our world
2. To provide interesting challenges
3. To make science make sense and fit together in a meaningful way
4. To respect the value of my students’ time

Course Topics (order may vary):

1. Meteorology
	1. Physical Properties, Pressure, Buoyancy
	2. Kinetic Molecular Theory, Cloud Formation, Winds
	3. Weather and Climate
2. Geology
	1. Plate Tectonics
	2. The “Rock Record”
3. Scientific Inquiry and Design
4. Astronomy
	1. Solar System
	2. System of The Earth and Moon
	3. Stars and The Universe
5. Physics
	1. Motion
	2. Newton’s Laws

Class resources/expectations:

**Online Resources:** Almost all class information can be accessed online. Assignment names and grades will be posted on PowerSchool. Links and support material for those assignments will be posted on [www.mrstapleton.com](http://www.mrstapleton.com). Videos accompanying class notes will be uploaded to the [MisterStapleton](https://www.youtube.com/user/MisterStapleton/videos) YouTube channel.

**Making up Missing Assignments:** Make up an assignment by finding the missing assignment in PowerSchool. Note the due date of the assignment in PowerSchool and then use that due date to find the assignment at [www.mrstapleton.com](http://www.mrstapleton.com). Keep in mind that you will find assignments where they

**Deductions for Late Work:** Unless otherwise specified, late work will receive a 10% deduction when it is turned in within a week after its due date. Late work due to a cut will receive an automatic 25% deduction. Work that is turned in later than one week may receive an increased deduction, depending on the extent of its tardiness.

**Notebooks:** Save all starred handouts (tests, notes, project guidelines, etc.) in a 3-ring binder. There will be graded notebook checks.

Assessment/Student Evaluation:

Quarter Grading and assessment: Tests & Quizzes = 50%; All other assignments = 50%

Mid-year/final assessments: At EHS, mid-year and/or end-of-year/course assessments provide authentic, meaningful experiences designed to measure student learning and achievement. These assessments may be written exams, performance tasks, and/or projects. Exams count for 20% of the student’s semester grade.

STUDENT RESPONSIBILITIES:

* Be on time.
* Be respectful and courteous.
* Help keep the classroom neat and clean. *[Mr. Stapleton will inspect the classroom each day before the class is dismissed.]*

Please see the Student Handbook for additional information related to policies and student expectations:

[**http://www.ccsuvt.org/Handbook.pdf**](http://www.ccsuvt.org/Handbook.pdf)

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I have read and understand the expectations for this course.

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Student name Student signature/date

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Parent signature/date