



# 8<sup>th</sup> Grade Honors Science Syllabus

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Lathrop Science/STEAM Teacher

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## **Course Objectives:**

*Welcome to 8<sup>th</sup> grade Science!* In 8th grade Honors Science, we cover content from the integrated version of the Next Generation Science Standards for California Public Schools (CA NGSS) for grade 8. The topics covered consist of Force & Motion, Space and Gravity, Energy, Matter, Waves, Heredity, Biological Evolution, and Human Impact and Engineering. We will also cover a comprehensive unit on Health during the second semester.

## **Course Goal:**

By the end of this course, you will have gained a deeper understanding of how to think and ask questions like scientists working in the real world. Projects and Labs will enhance your understanding in science and the interactive lessons will provide opportunities for collaboration and self-reflection.

## **Course Materials:**

- Dedicated Science Notebook/Binder
- Pens, pencils, colored pencils, highlighters, and extra line paper.
- Chromebook (charged and working)

## **Homework Policy**

I will assign homework several times a week. Google Classroom is our management learning system so check it daily to keep up to date on assignments and information. Due dates will be posted and although assignments can be turned in late, there will be a point deduction when turned in after the assigned due date unless there is an acceptable reason for the late work.

**Axiom:** The Axiom Dashboard system will be a new interface Lathrop will be using with students, staff, and parents to better support our Spartans. Communication and real-time interactions will be available and monitored for efficiency, but as with all new technology, we will be learning together.

**Attendance:**

Please be present every day! Absence and tardiness will have a negative effect on your grade and participation. It is **your** responsibility to get all your missing assignments and notes if you miss class.

**The true sign of intelligence is not knowledge but imagination – Albert Einstein**

**Academic Integrity**

Plagiarism is using someone else’s work or ideas without their permission, without their knowledge, or without giving them credit. Cheating is getting or giving someone else answers. During many in-class assignments you will work with other students but are responsible for recording your own ideas and work. If you do research for an assignment, you must put what you learn into your own words. All students who are caught cheating or plagiarizing will receive a zero on that assignment.

**Late Assignments:**

Late Work will not be accepted. If you are absent, you will have the same number of days that you were out to make up the work. If there is a special case, you will need to speak with me about the situation.

**Grading: Letter grades are as follows**

Above 90% - **A** 89-80% - **B** 79-70% - **C** 69-60% - **D** Below 60% - **F**

**Evaluation Criteria Method of Evaluation Grading**

Assessments Quizzes, common assessments, written/oral presentations, projects, and laboratory reports: (40%)

Student work Classwork, class activities and homework: (40%)

Participation/Responsibility Class participation/discussions: (20%)

**Classroom Policies:** Respect yourself. Respect others. Respect our school environment.

1. Come to class prepared with all the required materials and with a positive attitude!
2. Be seated in your assigned sit before the bell rings.
3. Listen carefully, follow directions, and be on task.
  - a. Safety protocols and rules must be followed at all times.
  - b. Personal grooming is an unacceptable behavior.
  - c. Bathroom policy: “10-10” rule. We will use the Axiom System for tracking passes.
  - d. Maintain Lab/work space clean and organized.

**Consequences:** When a student chooses not to abide my classroom policies, consequences may/will include verbal warnings, detention, parent phone calls/conferences and higher-tier interventions.

### Units of Study

Force & Motion	Geology / Earth's History
Space and Gravity	Evolution
Energy and Matter	Heredity
Wave and Wave Properties	Human Impact
Engineering Principles	Health

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Please sign and return this page to Mr. Luna in class.

I have read the course outline for Mr. Luna's 8<sup>th</sup> grade Honors Science class. **I WILL NOT PREVENT OTHERS FROM LEARNING.** I will follow the classroom policies to the best of my abilities and face the stated consequences.

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

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

Date signed: \_\_\_\_\_

I have read the course outline for Mr. Luna's 8<sup>th</sup> grade Honors Science class and I understand the rules and consequences.

Parent/Guardian name: \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_

Day phone number: \_\_\_\_\_

Parent/Guardian email \_\_\_\_\_