





# 8th Grade Science Syllabus









## Course Description

8th Grade Science is a rigorous academic course designed to support all students at their current level and encourage growth and development in their academic abilities. This course will enable students to understand, apply, analyze, evaluate, and create scientific concepts. Curriculum is based on the Next Generation Science Standards (NGSS), and is as follows:

## Weekly Schedule




 Monday	 Tuesday	Wednesday	 Thursday	 Friday
<u><b>Zoom</b></u> Review and Preview & Annotate Content Notes	<u><b>EdPuzzle</b></u> Video or Demonstration on EdPuzzle	<u><b>Zoom</b></u> Discussion and Application of Content	<u><b>IXL</b></u> Individual Practice on the standard for the week	<u><b>Assessments</b></u> Quizzes or Tests on the week's content

## Units




 Scientific Thinking & Practice	 Matter	 Energy	 Forces, Motion, & Fields	 The Earth & Human Impact	 Waves
August 12-September 11	September 14-October 30	November 2-January 15	January 19-February 19	February 22-March 12	March 15-April 16



## Staying Connected

-  Send me an Owl (no howlers, please)  
Email: [lingham@paparts.net](mailto:lingham@paparts.net)
-  Class Resource: Google Classroom
-  Office Hours: Friday 9:00-11:54 & 12:30-3:00

## Class Materials

-  Access to a Computer
-  Large Notebook
-  Bertie Botts Basics, Pencils, Colored Pencils, Highlighter, and Red Pen





# Course Grades



Extra credit will ONLY be offered at the discretion of the instructor and ONLY for whole class, rather than individuals.



Midterm and Final (EOC) will be worth 20% of students overall semester grade.

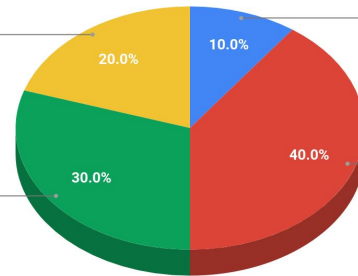


Quizzes  
20.0%

Attendance  
10.0%

Tests and Projects  
30.0%

Classwork/Homework  
40.0%



## Grading Policy



Content Notes, EdPuzzles, Discussions and IXL will be graded on a participation and completion basis.



Students will be required to participate in class everyday to earn their attendance grade. They must be present at zoom meetings to get these points.



All units of study will have multiple quizzes and culminate in a Final Unit Test.



Students will be allowed to take the quizzes as many times as they would like, but the first and last scores will be averaged.



On unit tests, a score of 80% or higher is considered proficient. Any score below that will require the student to complete corrections. Once the corrections are completed, they will earn up to half of the lost points back.



Missed classroom activities cannot be rescheduled. Students with excused absences will not lose the points for the time missed. Students with unexcused absences will lose points for the time they are not in class.



Missing Assignments will be recorded as 0's with a missing indicator. Missing work will be accepted with a penalty of 10% taken off for each late day, capped at 50%. No late work will be accepted after the Unit Test has been taken.



It is the student's responsibility to meet with the instructor to schedule the make up test. Tests that are completed without teacher approval will result in a ZERO.



## Classroom Expectations



This classroom, much like science, is a space for exploration. It is expected that mistakes will be made- it is how you handle not only your mistakes, but the mistakes of others, that will dictate how much you will learn. As the instructor I will always strive to bring an attitude of positivity and respect to the classroom- I expect the same of you. To the right, are the basic class rules.

**This is your class, own it.**



Be honest and open in sharing on-topic ideas and take risks.



Support each other's learning and risk taking.



Participate and engage with ALL classroom activities, assuming positive intentions.



Find connections among ideas and topics.



Use technology in learning-mode only.



You will receive an amended syllabus if/when things change to be a blended model or fully in class.