

8th Grade Science

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What we will learn



8.1 Matter

Students will understand that all substances are a combination of small particles that interact and exchange energy.



8.2 Physical Systems

Students will understand how objects can store and transfer energy within systems.



8.3 Life Systems

Students will compare ways that plants and animals obtain and use energy and model how matter cycles through an ecosystem.



8.4 Natural Systems

Students will understand interactions with natural systems and resources.

Class Expectations

Be On-time,
On-task &
prepared to learn



Electronics are for
Educational
Purposes Only



Be Responsible
for your own
learning



Respect the
Teacher,
Classroom &
other Students

Materials Needed



Pen or Pencil



1 1/2 inch 3-Ring binder

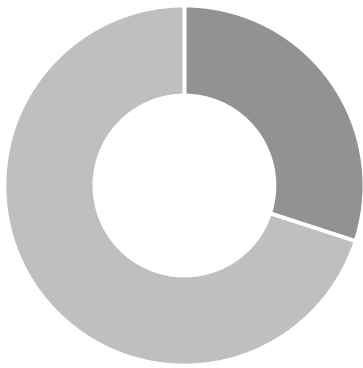
Laboratory Safety Responsibility



Safety in the science laboratory is the #1 priority for students, teachers and parents. A signed lab safety contract is required for all students to participate in labs. Students who choose to be unsafe in the lab will be asked to complete alternative assignments in the classroom.

***For safety purposes, Please notify teacher of any food allergies.

Your Grade



30% of your grade is based on **classwork**
(assignments, labs, projects, starters, etc.)
70% of your grade is based on **assessments**
(tests & quizzes)

Grading Scale

A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C-	73-76%
C	70-72%
D+	67-69%
D	63-66%
D-	60-62%
F	>59%



Late work will be accepted until midterm, then again from midterm until end of the quarter with no penalty.



Extra credit will be offered for each quarter. It will be worth up to 10 assessment points.

Quiz Proficiency on learning targets



80% of higher = **PROFICIENT**

Below 80% = **NOT PROFICIENT**



Students complete a Quiz Fix assignment

There are NO retakes on Unit Assessments. However, students will be able to use their notes/binders on the Unit Assessments. A student that scores an 'F' on a Unit Assessment may complete a quiz fix.

Honors Component



Each quarter students will be given the opportunity to earn Honors Credit. Students will be given a project to complete at home. If the student achieves mastery on the project (80%) or above, the student's transcript will be changed to say "8th grade Honors Science." This project is completely optional. *Please note that students who would like to be considered for 9th grade Honors Biology and, by consequence, 10th grade concurrent enrollment Chemistry, must complete the 8th grade Science Honors components. Also, If a student achieves an 875, minimally, on the Rise, has a 'B' in the class, and completes one Honors Project, may also earn the same.

End of Year Test



Students will be given an end of year final on all five Unit Assessments of the 8th grade science SEEd core. Students may choose to use their proficiency score (851 or higher) on the state test (RISE) in lieu of the end of year final.

Videos Website



Videos or clips from videos will be shown on occasion in the classroom and could have a PG- 13 rating (Apollo 13). Our science department only uses Canvas that has links to all coursework as well as pictures and videos of labs we do in class. We occasionally post pictures of students. If this is a concern, please email your teacher.

To stay up to date visit the class
in CANVAS