

8th Grade Science

Mrs. Scholes

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What we will learn (GVGs Guaranteed Viable Curriculum):



8.0 Science & Engineering

Students will differentiate between science & engineering practices.



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 inch 3-Ring
binder used only
for Science Class

Hall Passes:



- 6 per semester
- After 1st 20 min. of class
- Save unused for reward

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)



Late work will be accepted with a 20% deduction
for classwork.

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%

No extra credit will be offered.

Quiz Proficiency: on learning targets



4/5 or 5/5= **PROFICIENT**



Students complete an *Extension* assignment

3/4 or below= **NOT PROFICIENT**



Students complete an *Intervention* assignment

Students will be given 3 chances to achieve proficiency on a quiz. There are NO retakes on GVC Assessments.

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.

End of Year Test:



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

Videos:



Videos or clips from videos will be shown on occasion in the classroom and could have a PG- 13 rating. If this is a concern, please email your teacher.

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