

Science 8 Syllabus

Standards help students gather, analyze, and communicate evidence as they formulate answers to questions tailored to student interest and current topics that may include but are not limited to:

- **Gather, analyze, and communicate evidence of forces and interactions.**
- **Gather, analyze, and communicate evidence of waves and electromagnetic radiation.**
- **Gather, analyze, and communicate evidence of energy.**
- **Gather, analyze, and communicate evidence of this inheritance and variation of traits.**
- **Gather, analyze, and communicate evidence of natural selection and adaptations.**
- **Gather, analyze, and communicate evidence of the interactions among bodies in space.**
- **Gather, analyze, and communicate evidence to explain Earth's history.**

Science & Engineering Practices (SEPs)

- Asking questions & defining problems
- Developing & using models
- Planning & carrying out investigations
- Analyzing & interpreting data
- Using mathematics & computational thinking
- Constructing explanations & designing solutions
- Engaging in argument from evidence
- Obtaining, evaluating, & communicating information

Crosscutting Concepts (CCC)

- Patterns
- Stability & change
- Cause & effect
- Scale, proportion, & quantity
- Matter & energy
- Systems
- Structure & function

Curriculum: Accelerate Learning STEMscope

Grading

***Assessments**...given throughout a unit, at the end of each unit or lab unit.

***Quizzes**...may be announced or unannounced...may cover assigned readings, notes taken in class, or videos that may be viewed in class.

***Daily Work/Lab Activities**... generally completed in class (if time is used wisely), otherwise is assigned as homework, due the **beginning** of the next class period. Assignment due dates will be posted on the classroom board.

***Cheating/Plagiarism** will not be tolerated and dealt with consistent with Centura policy.

***Extra Credit** will be given upon individual student request. Generally, extra credit isn't allowed to make up for missing/late assignments. If a student has turned in all required work and is needs extra credit for passing it may be allowed on individual basis. These activities will be completed outside of normal classroom time.

***Late Work** will be accepted without deduction during the current quarter. All late work will be graded no later than the following Wednesday from when it is received.

***Course Grade**... Each assignment/test, etc. will be worth a certain number of points. Points will be tallied and percentage figured on total number points earned out of the possible total. Centura grading scale is:

A—100-93% B—92-85% C—84-77% D—76-70% F—69-0%

Absences: For each UNEXCUSED absence you will receive a ZERO for any assignments due OR assigned that day, this includes tests. For each EXCUSED absence, you will receive a one-day grace period to turn work in. Labs & tests must be made up as soon as possible—make arrangements when you return. (The version of the test may be altered from the original version given in class.) YOU are responsible for getting any notes taken in class from one of your classmates. You are also responsible for checking with the teacher for any make up work you need (before or after class).

Communication: The best way to communicate with me is in person or via email. If you write a note for me, don't put it on my desk, I have a mailbox in the school office, or hand it to me personally. I am usually available before school by 7:45. After school I am involved in activities and sport practices so you would need to set an appointment with me if this is necessary. My planning period is 1st Period. Lesson plans and assignments are available on Schoology or my school website:

<http://mrsrobinkeilig.weebly.com>.

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Technology: Technology equipment (including computers) will be used in academic ways and respected as a privilege that will be treated with respect. Cells phone use is not allowed, unless the instructor specifically gives permission.

Acknowledgment: By signing below, you acknowledge that you understand the information on the class syllabus and expectations.

COVID-19 Policies: We will follow Centura Public School COVID-19 protocols in our classroom. I would very much appreciate you wearing a mask while in the classroom and washing your hands often. We will take Social Distancing breaks throughout the period and sanitize equipment as necessary.

Remote Learning: If the circumstance arises where Remote Learning must take place, all communication will be done through email or Schoology messages. This will happen for individual quarantine situations or a school-wide situation.

Student Signature

(Date)

Parent or Guardian Signature

(Date)

Room 311, Planning Period 1

[Type the date]