



Mrs. Gillin's Earth Science Syllabus 2021-2022

Email: egillin@helenaschools.org

Website: https://staff.helenaschools.org/staff_page/EGillin/

Office Hours: Tuesday-Friday 3:15- 3:45 pm or schedule a time

Welcome to Earth Science at Capital High School! This year will continue some of the changes you may have experienced last year in school, but I am certain we will all have some positive experiences! **However, because it is still a little different than "normal," if you are ever unsure or confused about what is happening in the class please ask Mrs. G for clarification, she wants this to be as smooth a transition for you as possible and can be most helpful if you share your concerns. If you are not comfortable asking Mrs. G in person you are more than welcome to send her an email.** This year students will delve into Earth Science with units including hydrology, meteorology, geology, and astronomy. Students will be asking questions and defining problems, developing and carrying out investigations, analyzing and interpreting data, using mathematics and computational thinking, constructing explanations, and designing solutions, engaging in argument from evidence, and obtaining, evaluating, and communicating scientific information.

Class Expectations:

Be Respectful	Be Responsible	Be a Graduate
--To other students, staff, yourself, and school property -- Follow classroom procedures	--Arrive on time and prepared everyday --Be an active learner --Ask for help when you need it	--Plan your future and develop goals for your education --Be proud of your work

Course Outline:

Semester 1	Semester 2
An Introduction <ul style="list-style-type: none"> ○ Density Lab Hydrology Unit 1 <ul style="list-style-type: none"> ○ Water cycle, surface water, ground water ○ Water sheds ○ Water quality Geology Unit 2 <ul style="list-style-type: none"> ○ Weathering and erosion ○ Geologic time ○ Fossils/Radiometric dating Atmosphere Unit 3 <ul style="list-style-type: none"> ○ Atmospheric layers ○ Greenhouse effect and climate change ○ Carbon Cycle Meteorology Unit 4 <ul style="list-style-type: none"> ○ Air masses and fronts ○ Severe storms ○ Humidity 	Astronomy Unit 5 <ul style="list-style-type: none"> ○ Earth/Moon system ○ Solar system ○ Universe ○ Big Bang Earth's History and Changes Unit 6 <ul style="list-style-type: none"> ○ Earth's interior ○ Plate tectonics ○ Geology Human Impact Unit 7 <ul style="list-style-type: none"> ○ Human interactions with Earth

Materials:

- Chromebook or other computer with access to Microsoft Teams and Outlook
- Pencil
- Folder/Binder to hold paper materials

Office Hours: Mrs. G will be available in room 231 Tuesday-Friday from 3:15 to 3:45pm, unless in a scheduled meeting, for students to ask questions. If students are not available at that time, they should set-up another time with Mrs. G to meet during the day either during a study hall or after school.

Grading Policy:

92 – 100 = A	88 – 89.99 = B+	78 – 79.99 = C+	68 – 69.99 = D+	F 59% and
90 – 91.99 = A-	82 – 87.99 = B	72 – 77.99 = C	62 – 67.99 = D	below
	80 – 81.99 = B-	70 – 71.99 = C-	60 – 61.99 = D-	

Semester grades are determined as follows:

Quarter 1: 40% + Quarter 2 Grade: 40% + Semester Test: 20% = Semester Grade

Late Work: Assignments turned-in after a due date will be docked 30% and may be deducted 50% if more than a week past due. Online assignments will always have a due date included; students are able to turn in assignments after this date but it will be marked as late. Students are responsible for knowing if they have missing assignments and turning them in, grades will be updated weekly in PowerSchool.

Classwork/Homework: Students will be expected to complete schoolwork Monday-Friday each week excluding holidays. The material students should expect to see will include reading, guided notes, quizzes, tests will take place at the end of each unit and semester; test reviews, labs, videos, and article reviews or other projects.

Absences/Tardy: Missing class time negatively affects a student’s comprehension of material; students learn best when they have consistent attendance. If a student missed class or arrived late it is the student’s responsibility to ask about any work they may have missed. Students will have two days to complete assignments for each excused absence.

Cell Phones/Electronics: Phones and headphones must be put away during class time unless students are given explicit permission from the teacher. If students have their phones out without permission, they will be sent to the office to turn in their phone. Three strikes from the office and students will not be allowed to have their cell phone at school.

Additional School Rules: Cheating and plagiarism are not tolerated on any assignment. Food may be eaten in the classroom only during nutritional breaks or lunch. Water/nutritional drinks with lids are allowed at any time in class. No soda/energy drinks are allowed at any time. The school dress code must be followed. Please see the Parent/Student handbook for additional information on the CHS website.

If students choose to not follow classroom procedures the following will result:

1. Teacher/Student conversation
2. Phone call to parent/guardian
3. Phone call to parents/guardian and discipline referral to the student’s administrator.

If you have any questions, please email me using my contact information on the top of this sheet. I look forward to working with you throughout the year!

GO BRUINS!