

Mrs. Gillin's Earth Science Syllabus 2019-2020

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Additional Resources: bengalfrosh.com



Welcome to Earth Science at Helena High School! 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 Involved	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	--Participate in class --Join a club or activity at Helena High (or both!)	--Plan your future and develop goals for your education --Be proud of your work

Course Outline:

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

Materials:

- One subject notebook or binder with loose-leaf paper
- Folder or binder to hold assignments
- Pencil and pen for everyday use
- Colored pen for grading (not black)

Grading Policy:

A 90-100% B 80-89% C 70-79% D 60-69% F 59% and below

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. Excluding large projects which are due by 3:40 on the due date, all assignments should be turned-in at the beginning of class. Students are responsible for knowing if they have missing assignments and turning them in.

Classwork/Homework: Students will be given time to complete work in class. They may occasionally need to complete assignments at home if they did not manage their time well in class. In class work will include notes, quizzes (one quiz every 1/2 weeks), tests will take place at the end of each unit and semester, test reviews, labs, and article reviews or other projects.

Absences/Tardy: Missing class time negatively effects a student's comprehension of the material; students learn best when they have regular 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. After three tardies students will be required to complete a lunch detention where they will catch-up on the material/instruction they missed.

Cell Phones/Electronics: Electronics 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 the nutritional break after second period. Water/nutritional drinks (no soda) with lids are allowed at any time in class. The school dress code must be followed. Please see the Parent Student handbook for additional information.

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

1. Teacher/Student conversation
2. Phone call to parent/guardian
3. Lunch detention and phone call to parent/guardian
4. Discipline Referral: handled by administration

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

GO BENGALS!

Please sign and return this sheet to the Mrs. Gillin.

Student Name: _____ Signature: _____

Parent/Guardian Name: _____ Signature: _____

Date: _____

Parent/Guardian Contact information:

Do you have a preferred way for me to get ahold of you? Please let me know and include your contact information.

Thank you,

Emily Gillin

GO BENGALS!