



**Mountain Range High School**  
 12500 Huron Street • Westminster, CO 80234  
 Office: (720) 972-6300 • Fax: (720) 972-6529  
<http://www.mountainrange.adams12.org>

<b>School Year</b>	2020-2021	<b>Teacher Name</b>	
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<b>Course Name</b>		Geology	
<b>Course Description</b>		Geology is the study of earth systems and processes. This class takes an in-depth look into minerals, rock types, plate tectonics, volcanism, earthquakes, tsunamis, glaciers, streams and geologic time.	
<b>Unit of Study</b>	<b>Content Standards/Grade Level Expectations</b>	<b>Approximate Time Spent or Percent of time Spent</b>	<b>Targeted Date of Assessment</b>
Minerals	<ul style="list-style-type: none"> <li>Students will investigate the properties of minerals and their uses.</li> </ul>	4 weeks	September
Rock cycle	<ul style="list-style-type: none"> <li>Students will be able to explain the formation and properties of metamorphic, sedimentary, and igneous rocks.</li> </ul>	4 weeks	October
Volcanoes	<ul style="list-style-type: none"> <li>Students will investigate types, properties, location, hazards of volcanoes.</li> </ul>	4 weeks	November
Plate Tectonics and Mountain Building	<ul style="list-style-type: none"> <li>Students will investigate the movement of the earth's plates and the formations they create.</li> </ul>	4 weeks	December
Earthquakes and Tsunamis	<ul style="list-style-type: none"> <li>Students will research the history of earthquakes and tsunamis specifically focusing on human impact and engineering.</li> </ul>	4 weeks	January
Geologic Time and Fossils	<ul style="list-style-type: none"> <li>Students will investigate the history of Earth and its fossil records.</li> </ul>	4 weeks	February
Streams and Floods	<ul style="list-style-type: none"> <li>Students will investigate weathering and erosion with the movement of water.</li> </ul>	3 weeks	March
Caves	<ul style="list-style-type: none"> <li>Students will research types of caves and their features.</li> </ul>	2 weeks	April
Glaciers	<ul style="list-style-type: none"> <li>Students will investigate glacier formation and how they change the geologic features of the earth.</li> </ul>	2 weeks	May

<b>Course Grade Scale</b>	
<b>A</b>	89.5 - 100
<b>B</b>	79.5 – 89.4
<b>C</b>	69.5 – 79.4
<b>D</b>	59.5 – 69.4
<b>F</b>	0 – 59.4

<b>Assessment/Practice Proficiency Levels</b>	
<b>4</b>	Advanced Understanding of the Standard
<b>3</b>	Meets the Standard
<b>2</b>	Approaches the Standard
<b>1</b>	Does not Meet the Standard



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Grade Reporting Criteria/Weights	
Disciplinary Core Ideas (Content)	60%
Science Engineering Practices	15%
Communication	15%
Practice	10%
Grades are based on achievement of Content Standards and Grade Level Expectations.	
*Weekly progress grades are posted at <a href="https://ic.adasm12.org/campus/portal/adams12.isp">https://ic.adasm12.org/campus/portal/adams12.isp</a>	

General Expectations
<ul style="list-style-type: none"> <li>Grades are based upon the demonstration of proficiency on units associated within specific grade reporting criteria.</li> <li><b>Assessment: 90%</b> Assessments are a means to determine a student’s mastery and understanding of information, skills, concepts, or processes.</li> <li><b>Practice: 10%</b> Practice includes opportunities for students to receive clear, specific, and timely feedback as they are developing knowledge and skills, prior to Assessments.</li> <li>Assessments will be graded based on teacher/district/state rubrics.</li> </ul>

Class Expectations
<p><b><u>Missing or incomplete assignments/assessments for this course:</u></b>            Superintendent Policies 6280 Homework and 6281 Make-Up Work will be followed for this course. They state that it is the student’s responsibility to request and obtain missing work. When a student has an excused absence, the student has the same number of days they were absent plus one day to make up assignments. <i>Example: A student is <b>excused</b> absent, Monday and Tuesday. The student would have Wednesday, Thursday and Friday to make up the work, which would then be due at the beginning of the period on Monday.</i> Students who are unexcused may not be able to receive feedback from Practice prior to required Assessments.</p> <p>In order to preserve test security, students may be required to take a missed test immediately upon return from an authorized absence if that student has had the opportunity to access all learning prior to the absence. Students missing a group or individual presentation may also be required to give that presentation upon return. <i>Example: A test is given on Thursday and a student is absent on that day (authorized, excused), but was present the days prior. This student may be required to take the test on Friday.</i></p> <p><b><u>Plagiarism/Cheating:</u></b> Students are held to the Academic Integrity Policy for Mountain Range High School. Plagiarism means to present, as one’s own, the work, writing, words, ideas or computer information of someone else. These sources could be either published or unpublished. Cheating is supplying, receiving or using inappropriate devices to improve performance on a test or assessment. Students who engage in plagiarism or cheating will be disciplined according to the school discipline matrix.</p> <p><b><u>Weekly Progress:</u></b> Current grades are accessible through Infinite Campus. A link to Infinite Campus can be found on the Mountain Range website: <a href="http://www.mountainrange.adams12.org/">http://www.mountainrange.adams12.org/</a></p> <p><b><u>Time Frame for Assignments:</u></b> The teacher will clearly delineate the due date and time frame for all assignments and students will record this information accordingly in their student planners. Students are encouraged to be engaged and motivated in the completion of their assignments.</p>