

Science 8-Mrs. Sharon

Q1: Week of 10-16-17 -Week 7

Date	In Class	At Home/ Reminders	Success Criteria & Standard
<p>Monday/ Tuesday 10-16/10-17</p> <p>Block Schedule Mon-1st and 3rd Tues-2nd & 4th</p>	<p>Focus Question: What's the difference between weather and climate?</p> <ol style="list-style-type: none"> 1. <u>Collect Weather Data-Day 3</u> https://www.wunderground.com/ https://weather.com/ 2. Weather vs. Climate Venn in notebooks 3. Bill Nye Climates-Movie and WS https://www.youtube.com/watch?v=Fr29YJ7TswA 4. AIMS- What is the Hydrosphere? 	<p>You need your laptop next class.</p> <p>Study your notebook for the quiz on Friday.</p> <p>Watch This: https://www.youtube.com/watch?v=YbAWny7FV3w</p>	<p>Students will explain 2 similarities and 2 differences for weather and climate.</p> <p><i>MS-Ess2-5</i> <i>MS-Ess2-6</i></p> <p><i>RA-Building Social Dimension Science & Engineering Practices</i></p>
<p>Wednesday/ Thursday 10-18/10-19</p> <p>Block Schedule Wed-1st and 3rd Thurs-2nd & 4th</p>	<p>Focus Question: How do air masses affect our weather?</p> <p>Check: What is the Hydrosphere?</p> <ol style="list-style-type: none"> 1. <u>Collect Weather Data- Day 4</u> https://www.wunderground.com/ https://weather.com/ 2. World Climatic Regions Map 3. North American Air Masses 4. Difference Between Weather and Climate exit ticket 	<p>You need your laptop next class.</p> <p>Study your notebook for the quiz on Friday</p> <p>Watch This: https://www.youtube.com/watch?v=1QGZyfJmQbE</p>	<p>Students will be able to correctly identify at least 8 out of 10 scenarios as picturing weather vs. climate.</p> <p><i>MS-Ess2-5</i> <i>MS-Ess2-6</i></p> <p><i>RA-Knowledge Building</i></p>
<p>Friday 10-20</p> <p>All Classes</p>	<p>Focus Question: Why does weather vary in the United States?</p> <p>Check: North American Air Masses</p> <ol style="list-style-type: none"> 1. Weather Quiz 2. Collect Weather Data-Day 5 https://www.wunderground.com/ https://weather.com/ 	<p>Have a great weekend!</p> <p>This is the best time for you to get caught up on late or missing work.</p>	<p>Students will score proficient or above on the Weather Quiz.</p> <p><i>MS-Ess2-5</i> <i>MS-Ess2-6</i></p>

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MS-ESS2-4 Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity. **

MS-ESS2-5 Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.

MS-ESS2-5 Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions in Michigan due to the Great Lakes and regional geography.

MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.

MS-ESS3-5 Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.