

8th Grade Science Agenda- Mrs. Sharon

Week of October 17, 2016

Day	In Class	HW/Reminders
<p>Monday 10-17</p> <p><i>MS-ESS2-5</i> <i>MS-ESS3-5</i></p>	<p style="text-align: center;">Block Schedule-Odd Day (1, 3, 7)</p> <p>Focus Question: What is the difference between weather and climate? What are the major types of air masses in North America, and how do they move?</p> <ol style="list-style-type: none"> 1. Weather Data Collection Day 7 <ul style="list-style-type: none"> • www.weatherunderground.com <ul style="list-style-type: none"> • www.weather.com 2. Weather vs. Climate Venn Diagram in notebooks <ul style="list-style-type: none"> • http://www.nasa.gov/mission_pages/noaa-n/climate/climate_weather.html 3. Difference Between Weather and Climate Checkpoint WS 4. North American Air Masses <ul style="list-style-type: none"> • Picture Walk and Read textbook p. 72-75 • North American Air Masses Packet 	<p>You need your laptop ALL week.</p> <p style="text-align: center;">Finish any work not completed in class</p> <p style="text-align: center;">Weather & Climate Quiz Thurs/Friday 10-27/10-28</p>
<p>Tuesday 10-18</p>	<p style="text-align: center;">Block Schedule-Even Day (2, 4, 6)</p> <p style="text-align: center;">See Monday</p>	

<p>Wednesday 10-19</p> <p><i>MS-ESS2-5</i> <i>MS-ESS3-5</i></p>	<p>Block Schedule-Odd Day (1, 3, 7)</p> <p>Focus Question: What are the main types of fronts? What type of weather is associated with each?</p> <p>Check: North American Air Masses</p> <ol style="list-style-type: none"> 1. Weather Data Collection Day 8 www.weatherunderground.com www.weather.com 2. Bill Nye: Climates and questions <ul style="list-style-type: none"> • https://www.schooltube.com/video/49a5ae52cod145249c12/Bill%20Nye%20Climate 3. World Climatic Regions Map (in notebook) 4. Types of Fronts: Read p. 76-77 & complete notes for fronts <ul style="list-style-type: none"> • Cold, Warm, Stationary & Occluded (Notebook) 	<p>Weather & Climate Quiz Thurs/Friday 10-27/10-28</p>
<p>Thursday 10-20</p>	<p>Block Schedule-Even Day (2, 4, 6)</p> <p>See Wednesday</p>	
<p>Friday 10-21</p> <p><i>MS-Ess3-5</i> <i>RA Practices</i></p>	<p>Focus Questions: How has the average temperature of a region changed over the past 70 years?</p> <ol style="list-style-type: none"> 1. Weather Project Packets-Temperature Graphs <ul style="list-style-type: none"> • Weather Data Collection Day 9 <ul style="list-style-type: none"> ○ wunderground.com ○ weather.com 2. Weather Project History of Temperature 	<p>Have a great weekend!</p>

MS-ESS2-5

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

(Success Criteria:)

- Collect accurate weather data for Weather Project
- Comparing/Contrasting Weather/Climate
- Weather/Climate checkpoint
- Labeling North American Air Masses on a Map
- Answering 75% of questions accurately

MS-ESS2-5

Collect data and 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.

- Labeling North American Air Masses on a Map
- Answering 75% of questions accurately

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.

- Labeling North American Air Masses on a Map
- World Climatic Regions Map Shading