

| Date:  | Classwork:  | Homework:   |
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| <p>Monday/<br/>Tuesday<br/>10-17/10-18<br/>Block</p> <p><i>MS-ESS2-5</i><br/><i>MS-Ess3-5</i></p>                          | <p><b>Focus Questions: What is the difference between weather and climate? What are the major types of air masses in North America, and how do they move?</b></p> <p><b>Weather Project Packets-Temperature Graphs</b></p> <ul style="list-style-type: none"> <li>• Weather Data Collection Day 7               <ul style="list-style-type: none"> <li>○ <a href="http://wunderground.com">wunderground.com</a></li> <li>○ <a href="http://weather.com">weather.com</a></li> </ul> </li> </ul> <p><b>Weather vs. Climate Venn Diagram (notebook)</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.nasa.gov/mission_pages/noa_a-n/climate/climate_weather.html">http://www.nasa.gov/mission_pages/noa_a-n/climate/climate_weather.html</a></li> </ul> <p><b>Difference Between Weather and Climate Checkpoint WS</b></p> <p><b>North American Air Masses</b></p> <ul style="list-style-type: none"> <li>• Picture Walk and Read textbook p. 72-75</li> <li>• North American Air Masses Packet</li> </ul> | <p>Finish any work not completed in class.</p> <p><b>Weather &amp; Climate Quiz Wed/Thur 10-26/10-27</b></p>  |
| <p>Wednesday/<br/>Thursday<br/>10-19/10-20<br/>Block</p> <p><i>MS-ESS2-5</i><br/><i>MS-Ess3-5</i><br/><i>MS-ESS2-6</i></p> | <p><b>Focus Questions: What are the main types of fronts? What type of weather is associated with each?</b></p> <p><b>Weather Project Packets-Temperature Graphs</b></p> <ul style="list-style-type: none"> <li>• Weather Data Collection Day 8               <ul style="list-style-type: none"> <li>○ <a href="http://wunderground.com">wunderground.com</a></li> <li>○ <a href="http://weather.com">weather.com</a></li> </ul> </li> </ul> <p><b>Correct North American Air Masses Packet</b></p> <p><b>Bill Nye Climate Movie &amp; worksheet</b></p> <ul style="list-style-type: none"> <li>• <a href="https://www.schooltube.com/video/49a5ae52cod145249c12/Bill%20Nye%20Climate">https://www.schooltube.com/video/49a5ae52cod145249c12/Bill%20Nye%20Climate</a></li> <li>• World Climatic Regions Map coloring (Notebook)</li> </ul> <p><b>Read p. 76-77 &amp; complete notes for Fronts</b></p> <ul style="list-style-type: none"> <li>• Cold, Warm, Stationary &amp; Occluded (Notebook)</li> </ul>                 | <p>Finish any work not completed in class.</p> <p><b>Weather &amp; Climate Quiz Wed/Thurs 10-26/10-27</b></p> |

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| <p><b>Friday</b><br/><b>10-21</b><br/>All Classes</p> <p><i>MS-Ess3-5</i></p> | <p><b>Focus Questions: How has the average temperature of a region changed over the past 70 years?</b></p> <p><b>Weather Project Packets-Temperature Graphs</b></p> <ul style="list-style-type: none"><li>• <b>Weather Data Collection Day 9</b><ul style="list-style-type: none"><li>○ <a href="http://wunderground.com">wunderground.com</a></li><li>○ <a href="http://weather.com">weather.com</a></li></ul></li></ul> <p><b>Weather Project History of Temperature</b></p> | <p>Have a great weekend!</p> <p><b>Weather &amp; Climate Quiz</b><br/><b>Wed/Thurs</b><br/><b>10-26/10-27</b></p> |
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**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:**

- Weather/Climate checkpoint
- Comparing/Contrasting Weather/Climate
- Collecting Weather Data for Weather Project
- 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.**

**Success Criteria:**

- 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 & Ocean Currents Map Coloring