

## Arceneaux Lesson Plan for the Week of Feb 20 – Feb 24

	Monday	Tuesday *I leave at 3pm Tues/Thurs	Wednesday * Class period schedule is flipped and shortened*	Thursday *I leave at 3pm Tues/Thurs	Friday
<b>Objectives</b>  <b>8.10 C identify how global patterns of atmospheric movement influence local weather using weather maps that show high and low pressures and fronts</b>	SWBAT: <ul style="list-style-type: none"> <li>Define vocabulary and key concepts related to weather and climate</li> </ul> <p>Driving Question: How does the energy from the Sun drive Earth's weather and climate?</p>	SWBAT: <ul style="list-style-type: none"> <li>Explain how the uneven heating of the Earth creates high/low pressure and how this relates to weather and climate</li> </ul>	SWBAT: <ul style="list-style-type: none"> <li>Demonstrate their writing skills by explaining ocean current concepts</li> </ul>	SWBAT: <ul style="list-style-type: none"> <li>Explain and predict what happens when air masses meet in the air and how it affects local weather in an area</li> </ul>	SWBAT: <ul style="list-style-type: none"> <li>Explain and predict what happens when air masses meet in the air and how it affects local weather in an area</li> </ul>
<b>P</b>	ENGAGE: <ul style="list-style-type: none"> <li>Burning candle demonstration (see below)</li> <li>Knows/Needs to Know about weather and climate</li> </ul>	ENGAGE: <ul style="list-style-type: none"> <li>Can Demo; crushing aluminum cans with a power of a change in air pressure</li> </ul>	ENGAGE: <ul style="list-style-type: none"> <li>No engage (TELPAS Writing for ESL assessment)</li> </ul>	ENGAGE: <ul style="list-style-type: none"> <li>Cloud in a bottle demo: Making a cloud in a 2 liter bottle to emphasize weather patterns during low pressure front</li> </ul>	ENGAGE: <ul style="list-style-type: none"> <li>Weather front video</li> </ul>
<b>LA</b>	EXPLORE: <ul style="list-style-type: none"> <li>Study Jams Video</li> <li>Venn Diagram on Weather and Climate</li> <li>Weather and Climate Handout</li> </ul>	EXPLAIN: <ul style="list-style-type: none"> <li>Weather and Climate PowerPoint with Cloze Notes</li> </ul> <p>ELABORATE</p> <ul style="list-style-type: none"> <li>Start interpreting weather and climate maps</li> </ul>		ELABORATE: <ul style="list-style-type: none"> <li>Finish interpreting weather and climate maps</li> <li>Start climate maps cards</li> </ul>	ELABORATE: <ul style="list-style-type: none"> <li>Finish climate map cards</li> <li>Start climate task cards</li> </ul>
<b>N</b>	EVALUATE/ASSESS:	EVALUATE/ASSESS:	EVALUATE/ASSESS:	EVALUATE/ASSESS:	EVALUATE/ASSESS:

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	<ul style="list-style-type: none"> <li>Teacher will walk around and ask questions to informally assess students comprehension</li> </ul>	<ul style="list-style-type: none"> <li>Teacher will walk around and ask questions to informally assess students comprehension</li> </ul>	<ul style="list-style-type: none"> <li>TELPAS Writing prompt on ocean currents (used for quiz grade)</li> </ul>	<ul style="list-style-type: none"> <li>Teacher will walk around and ask questions to informally assess students comprehension</li> </ul>	<ul style="list-style-type: none"> <li>Weather and Climate Quiz</li> </ul>
Resources	<ul style="list-style-type: none"> <li>Venn Diagram Handout</li> <li>Weather and climate worksheet</li> </ul>	<ul style="list-style-type: none"> <li>Can Demo materials</li> <li>Weather and climate PowerPoint</li> </ul>	<ul style="list-style-type: none"> <li>TELPAS writing prompt handout</li> </ul>	<ul style="list-style-type: none"> <li>Weather map activity handout</li> <li>Cloud in a bottle demo materials</li> </ul>	<ul style="list-style-type: none"> <li>Quiz Handout</li> <li>Weather map activity handout</li> </ul>