

## Lesson Plan

**Lesson Segment Focus: Weather**

**Lesson: 1 of 5**

**Course & topic addressed: Weather in different locations**

**Date: October 30, 2019**

**Grade: 2nd**

### Student Outcomes

Specific learning objectives for this lesson.	Today students will gain a better knowledge of weather by learning about temperatures in different locations.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students have previous learned about the different types of clouds.
Knowledge of students background (personal, cultural, or community assets)	Students live in the environment they are observing, therefore they should be familiar with the weather around them.

### State Academic Content Standards

List the state academic content standards with which this lesson is aligned. Include state abbreviation and number & text of the standard.	<b>UT. 2. Earth and Space Science. Students will gain an understanding of Earth and Space Science through the study of earth materials, celestial movement, and weather.</b>
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### Academic Language Support

<p>What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning?</p> <p>What will you do to provide varying supports for students at different levels of academic language development?</p>	<ul style="list-style-type: none"> <li>- I will provide each student with a rubric, so they understand the key academic language.</li> <li>- I will also show the students an example of a completed spread sheet with the weather implemented.</li> </ul>
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## Key Vocabulary

<p>What vocabulary terms/content specific terminology must be addressed for students to master the lesson?</p>	<p><b>Temperature-</b> The degree or intensity of heat present in a substance or object, especially as expressed according to a comparative scale and shown by a thermometer or perceived by touch.  <b>High-</b> Operating or carried out at high temperatures  <b>Low-</b> Relating to or carried out at very low or relatively low temperatures  <b>Average-</b> A calculated central value of a set of numbers.</p>
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## Materials

<p>Materials needed by teacher for <b>this lesson.</b></p>	<ul style="list-style-type: none"> <li>- Computer</li> <li>- Paper</li> <li>- Pencils</li> <li>- Projector</li> <li>- Printed out worksheet for students</li> </ul>
<p>Materials needed by students for <b>this lesson.</b></p>	<p>All materials will be provided by the teacher.</p>

## Lesson Timeline with Instructional Strategies & Learning Tasks (**This should be VERY DETAILED**)

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
<p>5min</p>	<p><b><u>Introduction:</u></b></p>	<ul style="list-style-type: none"> <li>- At the beginning of class I will show the students a song about weather on YouTube, to grab the students attention on the topic that we will be discussion today in class.</li> <li>- <a href="https://www.youtube.com/watch?v=e5UTaPV-DIg">https://www.youtube.com/watch?v=e5UTaPV-DIg</a></li> </ul>

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
30 min	<b><u>Instruction:</u></b>	<ul style="list-style-type: none"> <li>- After grabbing the students attention with the video, we will discuss a few terms that the students will be using on their worksheets, like average, high, low, and temperature.</li> <li>- I will then break the students up into groups and allow them to pick a location to do their weather research on.</li> <li>- I will then show the students my example and show them how I did Brookland, Arkansas and I found the high temperature of the day, the low temperature of the day and then the average temperature for an entire week. I will explain to the students that we will find the average temperature together at the end of class.</li> <li>- In the student's groups I will tell them that they are going to make a pie chart, bar graph, and line graph to show the high, low, and average temperature.</li> </ul>
20 min	<b><u>Closure:</u></b>	After all of the students have completed their worksheets they will present what they have found and done to the class.

**Accommodations/Modifications**

<p>How might I modify instruction for:</p> <p>Remediation? Intervention? IEP/504? LEP/ESL?</p>	<p>-I have modified these activities by pairing the students together to help each other.</p> <p>- I can offer my assistance to any child struggling with this project..</p>
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**Differentiation:**

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	-While students are working I will walk around the room and offer one-on-one assistance is needed.
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**Assessments: Formative and/or Summative**

Describe the tools/procedures that will be used in this lesson to monitor students' learning of the lesson objective/s (include type of assessment & what is assessed).	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	

**Research/Theory**

Identify theories or research that supports the approach you used.	
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**Lesson Reflection/Evaluation**

What went well? What changes should be made? How will I use assessment data for next steps?	<i>TO BE FILLED IN AFTER TEACHING</i>
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Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

\*adapted from: <http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1ZoJ:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us>; <http://www.moreheadstate.edu/getmedia/cd3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx>; <http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx>; <https://www.uwsp.edu/education/Documents/edTPA/Resource12.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx>