

Lesson Plan Template

Lesson Segment Focus: Rainfall in Arkansas Lesson 1 of 5

Course & topic addressed: Science - Weather and Weather Patterns Date:10/4/18 Grade:3

Student Outcomes

Specific learning objectives for this lesson.	Students will understand how to record and interpret data in a chart and make predictions in the weather.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	The students know the different types of weather and that scientists record data in order to make predictions.
Knowledge of students background (personal, cultural, or community assets)	I will go over the average rainfall across the U.S. so kids not from Arkansas can compare to their home state.

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.	3-ESS2-1 Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.
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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? What will you do to provide varying supports for students at different levels of academic language development?</p>	We will go over any academic language the students need in order to be successful in this lesson. The students can ask their fellow classmates for help and if they need additional help I will work one on one with them.
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Weather, Data, Tables, National Hazards, Seasons, Patterns, Predictions, Climate, Natural Process, Average, Pictograph, Bar Graph, Rain Gauge
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Materials

Materials needed by teacher for this lesson.	Weather video, average rainfall in Arkansas worksheets, blank spreadsheet, ruler, bottle, permanent markers, scissors
Materials needed by students for this lesson.	Textbooks, pencil, papers

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.
5 Mins	<u>Introduction:</u>	For the introduction I will play the weather video to grab the students' attention.
30 Mins	<u>Instruction:</u>	We will be reminded about what weather, climate, and seasons are. We will make predictions about what season we think produces the most rain. Then we will fill in our Arkansas Rainfall spreadsheet together in class. I will then pass out a rainfall spreadsheet for the students to take home and fill out for every time it rains at their home. They will need to keep up with this all year and at the end of the year we will compare. Lastly, we will make a rain gauge, so they can accurately measure the rainfall at their homes.
5 Mins	<u>Closure:</u>	We will close with what is to be done for this project and what needs to be kept up with.

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.

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	I will make any accommodations or modifications if needed.
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Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	I will teach in different styles in order to reach each learning style. For example, we will read the text out loud together (visual, auditory) then doing the notes/experiment (tactile/kinesthetic)
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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>;
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