

Lesson Plan Template

Lesson Segment Focus: Measure Dice

Lesson 1 of 1

Course & topic addressed: Measure and Interpret Data

Date: 4-9-19

Grade: 3

Student Outcomes

Specific learning objectives for this lesson.	I want my students to learn how to represent data with a bar graph by rolling dice 10 times in a row to interpret data.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students have previously learned how to interpret data through our canned food drive competition. This will help them when they are finding the total in the number of rolls and per student.
Knowledge of students background (personal, cultural, or community assets)	The knowledge of students background that this lesson plan focuses on is if the student knows how to use dice or if they have ever seen dice before.

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.	AR.Math.Content.3.MD.B.3 Represent and Interpret Data - Draw a scaled bar graph to represent a data set with several categories.
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Academic Language Support

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?	The planned instructional supports that I will use to assist students to understand key academic language to express and develop their content learning are visual prompts such as premade examples of several graphs such as a bar graph. I can make my own bar graph to show my students so that they develop and express their content learning. I can teach my students about the x and y variables as well. For the students at different levels of academic language development, I will individually help them one on one if they do not
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	understand at the round table in the back of my classroom.
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Dice, Bar graph, data, graph, x-axis, y-axis
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Materials

Materials needed by teacher for this lesson .	Google spreadsheet, computer, projector, handouts for students, dice for students
Materials needed by students for this lesson .	Worksheet, pencil, dice

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 min	Introduction: I will talk to my students about how we use dice and how to put in their data for the rolls.	I review my classroom about what data is and how we enter it. I will call on students who raise their hand to see who knows the answers to my questions about data. We will talk about how many rolls we are doing and what we will do at the end.

25-35 min	<u>Instruction:</u> The students will roll their die and enter in the data for 10 rolls. We would then make a bar graph.	I will remind the class on how we use graphs to interpret data. After the students roll their die 10 times, they will make a bar graph of the data they received while rolling. The students will then make another graph comparing their rolls to other students. This is the time when my students will be interacting with each other. The students will then get to color their graphs to make them fun and unique.
5 min	<u>Closure:</u> I will ask my students what other type of data can be formed into a bar graph to make a visual representation of data.	I will insure that my students know the lesson by by asking them questions and asking them to raise their hands for me to call on them. If they still do not understand, I will call them back to my desk and work with them one on one.

Accommodations/Modifications

<p>How might I modify instruction for:</p> <p>Remediation?</p> <p>Intervention?</p> <p>IEP/504?</p> <p>LEP/ESL?</p>	<p>I will modify instruction for remediation to ensure that the data I use are easy for students to map on a bar graph.</p> <p>I will modify instruction for intervention by ensuring there is enough time in the instructional part of the lesson for me to go around the classroom and help students individually that are struggling to form their bar graphs.</p> <p>IEP/504 can be modified by giving them a paper copy of the data.</p>
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Differentiation:

<p>How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?</p>	<p>To ensure that all of my student's needs are met, I will provide a variety of instructional methods/tasks/strategies including one on one help for the students, whole group work and instruction, partner work, and visual learning form the lesson being on the screen for the class.</p>
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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>;
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