Lesson Plan Template

Lesson Segment Focus___ Math____   Lesson ___6____of___8____

Course & topic addressed _____Statistics and Probability_____   Date ___10/30/19_____

Grade__Sixth _____

Student Outcomes

Specific learning objectives for this lesson.	Students will conduct guided practice calculating the mean , and mode of a data set working in small groups.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students will display their understanding of the previous lesson on calculating the mean, and mode by working with a small group to complete a data spreadsheet and answer a few questions.
Knowledge of students background (personal, cultural, or community assets)	

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.6.SP.A.3 Recognize that a measure of center for a numerical data set summarizes all of its values with a single number (mean, median, mode)**

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?	Reviewing mean and mode before they get started and having an example on the board while their working.

Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	**Mean** **Average** **Bar graph** **Mode** **Most occuring**

Materials

Materials needed by teacher for **this lesson**.	Spreadsheet pre prepared with the data already on it.
Materials needed by students for **this lesson**.	pencil calculator

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

t of Time	ng & Learning Activities	be what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
5 mins	**Introduction**:	Greet the children and usher them to their seats. We will review the definition of mean and mode as well as look at an example before they are grouped together.
20 mins	**Instruction:**	The students will already be assigned groups.. The students form their groups and begin working. The students will work together to calculate the mean racing speeds of Mario Kart racers during specific rounds. They will also determine the most occuring (mode) speed of all the racers. The students will fill in the missing portions of the spreadsheet and answer the questions at the bottom.
15 minutes	**Closure:**	We will review definitions of key concepts and review their work with the spreadsheets. Before dismissal each group will share 2 things: Something that they struggled with and something that they knew how to do

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	Remediation : Work through the spreadsheet as a class using whole-group instruction.

Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	Have the students work with partners instead of small groups.

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).	☐ Formative / ☐x Summative	Review at the end of class to check for understanding.
	☐ Formative /☐ Summative	
	☐ Formative /☐ Summative	

Research/Theory

Identify theories or research that supports the approach you used.	

Lesson Reflection/Evaluation

What went well? What changes should be made? How will I use assessment data for next steps?	*TO BE FILLED IN AFTER TEACHING* I will know the depths of my students prior knowledge.

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;
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