Name _Leticia Caballero__

Lesson Plan Template

Lesson Segment Focus _Measurement Units_ **Lesson _1__of _2__**

Course & topic addressed _Math & Measurement Units (Metric and Imperial)_ Date _November 27, 2018_ Grade__4th__

Student Outcomes

Specific learning objectives for this lesson.	Learning the measurement units in the metric and imperial system. Knowing how to express measurements in the form of larger units and smaller units.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	This lesson will include larger numbers and smaller numbers just as other lessons. This lesson will also compare like in previous lessons.
Knowledge of students background (personal, cultural, or community assets)	The students need to know what a larger and smaller value is. Students also need to know how some objects can be equally in value.

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.4.MD.A.1•** Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec; yd, ft, in; gal, qt, pt, c • Within a single system of measurement, express measurements in the form of a larger unit in terms of a smaller unit. Record measurement equivalents in a two-column table. For example: Know that 1 ft is 12 times as long as 1 in. Express the length of a 4 ft snake as 48 in. Generate a conversion table for feet and inches listing the number pairs (1, 12), (2, 24), and (3, 36).

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?	Students will receive a sheet with the unit's name and abbreviation grouped by their measurement system. Another sheet will have examples of how measurements are used and examples of measurements that are equal.

Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	**Kilometer, Meter, Centimeter, Kilogram, Gram, Pound, Ounces, Liter, Milliliter, Hour, Minute, Second, Yard, Feet, Inches, Gallon, Quart, Pint.**

Materials

Materials needed by teacher for **this lesson**.	Padlet, electronic device, board, writing utensil
Materials needed by students for **this lesson**.	Electronic device, Padlet, writing utensil, paper

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 -7 Min.	**Introduction**:	The teacher will introduce the measurements in the Imperial system.
	Instruction:	After the teacher has went over all the measurements in the Imperial System, the teacher will demonstrate different measurements of length, mass, time and volume. The teacher will show the students how to appropriately measure the measurements and which unit to use. The students well then be divided into groups and will go to four different stations. One station will have a ruler and the students are to measure one of their feet. The mass station will have a triple beam balance and they will have to find the mass for a paper clip and a toy car. In the time station students will have to time how long it takes each individual student to do a jumping jack, touch their toes and write their full name. The students will start the timer and they will begin with a jumping jack and the timer will be stopped when they finish writing their name. The volume station will have two plastic cylinders and they will measure the liquids in two cups (each cup of water with a different color of food coloring). Once the students are done, they are to get on their electronic device and do a few activities, watch videos, etc. on the teacher's board on Padlet.
	Closure:	The students will turn in their paper with the groups' measurements from the four activity stations.

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	The students will be working in groups the majority of the time, so they will be able to help each other. If they need any further assistance the teacher will go to help them.

Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	**The lesson is designed to include visual, auditory, and kinesthetic instructions. The lesson also provides students with collaborative and individual work.**

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 /☐ Summative	
	☐ 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*

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