

<b>Today's Big Idea(s):</b>	7.12A – Describe a set of data using mean, median, mode, and range. 7.12B – Chose among mean, median, mode, and range to describe a set of data and justify the choice for a particular situation.	<b>Agenda &amp; Time Estimates:</b>	<b>A.M. CLASSES</b> - Brain Charger (5 min.)  - “Data Representations” - MMMR - Guessing Right or Wrong  <b>P.M. CLASSES</b>  - Brain Charger (5 min.)  - MMMR Activity: Central Tendencies Bingo
<b>Date: March 5, 2013</b> <b>Unit 9 Day 1-3</b>	Objective: TSW find the mean, median, mode, and range when given a specific set of data.		
<b>TEKS Connections/Indicate whether Readiness/Supporting/Process:</b>	7.12A – Supporting		

<b>Materials, Texts &amp; Reminders:</b>	<ul style="list-style-type: none"> <li>• C-Scope Handouts</li> <li>• Math Journals</li> <li>• Calculators</li> <li>• Homework Packets</li> <li>• MMMR Activities</li> </ul>	
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<b>Assessment/Evidence Of Learning :</b>	<ul style="list-style-type: none"> <li>• TSW complete the C-Scope activities for Central Tendencies</li> <li>• TSW complete the MMMR Activities</li> </ul>
<b>Checks for Understanding:</b>	<ul style="list-style-type: none"> <li>• Monitor Pair Share</li> <li>• Teacher Observation</li> <li>• Activity Handouts</li> <li>• Questioning Technique</li> </ul>
<b>Higher-Order Thinking Questions:</b>	B. If you had to predict what grade you would make on the true or false quiz right now, what grade do you think you would make? M. How would you use a graph to predict the median? Mode? Mean? Range? E. If another student’s anticipated grade of “0” was added to this set of data, how do you think this would affect the range? Median? Mode? Mean? Explain.

<b>Lesson Include Time Estimates:</b>	<i>What the TEACHER is saying/doing...</i>	<i>What the STUDENTS are saying/doing...</i>
	<b>Motivation/Hook:</b> <ul style="list-style-type: none"> <li>• Distribute C-Scope activity sheets and discuss the objective with students. Go over their current grades and how to find the average (Mean.)</li> </ul>	<b>Motivation/Hook:</b> <ul style="list-style-type: none"> <li>• Students will receive handouts and discuss the objective. They will then figure out their current average.</li> </ul>

	<b>Intro to New Material:</b> <ul style="list-style-type: none"> <li>Display teacher resource: Right or Wrong Quiz. Instruct students to read the problem and determine whether or not the statements made by the students in the example are correct.</li> </ul>	<b>Intro to New Material:</b> <ul style="list-style-type: none"> <li>Students will begin thinking whether or not the statements made by the students in the example are correct.</li> </ul>
	<b>Guided Practice:</b> <ul style="list-style-type: none"> <li>Teacher will facilitate a class discussion about anticipated grades, allowing each student to give their anticipated grade and recording individual student responses in the “Anticipated Grade” column of the table by their assigned number</li> </ul>	<b>Guided Practice:</b> <ul style="list-style-type: none"> <li>Students will use the data from the “Anticipated Grades” column to complete the handout.</li> </ul>
	<b>Independent Practice:</b> <ul style="list-style-type: none"> <li>Place students in groups of 4 and label each group with a letter of the alphabet from A – H. Distribute 24 color tiles and the appropriate set (A – H) from class resource: Share the Wealth to each group and handout: Mean-Median-Mode-Range to each student. Instruct students to use their set of cards and color tiles to model calculating the mean.</li> </ul>	<b>Independent Practice:</b> <ul style="list-style-type: none"> <li>Students will use their set of cards and color tiles to model calculating the mean.</li> <li>Afternoon MMR Activity</li> </ul>
	<b>Closing:</b> <ul style="list-style-type: none"> <li>Teacher will facilitate a class discussion students solutions asking: How did you evenly distribute the money? Which measure of central tendency would best describe your group’s set of data? Explain. How would you describe the spread for this set of data. What mathematical process could you use to calculate the mean for your group’s set of data?</li> </ul>	<b>Closing:</b> <ul style="list-style-type: none"> <li>Students will explain their answers to the probing questions regarding MMR and Share the Wealth.</li> </ul>
	<b>Evaluation/ Evidence of Learning:</b> <ul style="list-style-type: none"> <li>TSW will successfully complete the C-SCOPE Activities.</li> <li>Ticket out door – How do you find MMR?</li> </ul>	<b>Evaluation/ Evidence of Learning:</b> <ul style="list-style-type: none"> <li>Students completion of C-SCOPE Activities.</li> <li>Ticket out door.</li> </ul>
<b>Homework:</b> <ul style="list-style-type: none"> <li>HW Packet/Vocabulary/Skill drill</li> </ul>		

<b>Modifications/ Accommodations/ Differentiated Instruction:</b>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	
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Teacher Reflection: What worked/what didn't work? Why?