

CURRICULUM MAP

Course Title: Math

UNIT/ORGANIZING PRINCIPLE: Measurement and Data

PACING:12

UNIT NUMBER:Ch. 12

ESSENTIAL QUESTIONS:	How do we obtain useful information from a set of data?			
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
<p>Lesson 1: Collect and Record Data 3.MD.3</p> <p>3.MD.4</p> <p>Lesson 2: Draw Scaled pictures Graphs 3.MD.3</p>	<p>I can create a picture or bar graph to show data and solve problems using the information from the graphs.</p> <p>I can create a line plot from measurement data, where measured objects have been measured to the nearest whole number, half or quarter.</p> <p>I can create a picture or bar graph to show data and solve problems using the information from the graphs.</p>		<p>Data Survey Tally chart Frequency table Tally marks</p> <p>Picture graph Pictograph Key Analyze Interpret</p>	<p>Small paper bags Connecting cubes</p> <p>Sticky notes</p>

<p>Lesson 3: Draw Scaled Bar Graph 3.MD.3</p>	<p>I can create a picture or bar graph to show data and solve problems using the information from the graphs.</p>		<p>Bar graph Scale</p>	<p>Sticky notes</p>
<p>Lesson 4: Relate Bar Graphs to Scaled Picture Graphs 3.MD.3</p>	<p>I can create a picture or bar graph to show data and solve problems using the information from the graphs.</p>			
<p>Lesson 5: Draw and Analyze Line Plots 3.MD.4</p>	<p>I can create a line plot from measurement data, where measured objects have been measured to the nearest whole number, half or quarter.</p>		<p>Line plot</p>	<p>Sticky notes</p>
<p>Lesson 6: Hands On: Measure to Halves and Fourths of an Inch 3.MD.4</p>	<p>I can create a line plot from measurement data, where measured objects have been measured to the nearest whole number, half or quarter.</p>		<p>Half inch $\frac{1}{2}$ Quarter inch $\frac{1}{4}$</p>	<p>Inch ruler Connecting cubes Small items</p>

<p>Lesson 7: Collect and Display Measurement Data 3.MD.4</p>	<p>I can create a line plot from measurement data, where measured objects have been measured to the nearest whole number, half or quarter.</p>			<p>Inch ruler Blank piece of paper Red and blue colored pencils</p>
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>			
<p>Lesson 8: Problem- Solving Investigation: Solve a Simpler Problem 3.MD.3</p>	<p>I can create a picture or bar graph to show data and solve problems using the information from the graphs.</p>			
<p>3.MD.4</p>	<p>I can create a line plot from measurement data, where measured objects have been measured to the nearest whole number, half or quarter.</p>			