

Unit Plan by Prioritized Standards

Content Area	Math
Grade/Course	3rd
Unit of Study	Module 6
Duration of Unit	12 Days - Unit 6

Insert priority standards below (include code). **CIRCLE or Highlight** the **SKILLS** that students need to be able to do and **UNDERLINE** the **CONCEPTS** that students need to know. **(address “supporting” standards in daily lesson plans)**

MGSE3.MD.3 **Draw** a scaled picture graph and a scaled bar graph to represent a data set with several categories. **Solve** one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs.

MGSE3.MD.4 **Generate** measurement data by measuring lengths using rulers marked with halves and fourths of an inch. **Show** the data by making a line plot, where the horizontal scale is marked off in appropriate units – whole numbers, halves, or quarters.

Skills (what must be able to do)	Concepts (what students need to know)	DOK Level / Bloom’s
<ol style="list-style-type: none"> 1. Generate and organize data 2. Create scaled bar graphs 3. Create line plots 4. Create ruler with 1 inch, ½ inch, ¼ inch intervals and measure data 5. Interpret data from graphs and line plots 6. Analyze data 	<ol style="list-style-type: none"> 1. How to organize data 2. How to read a chart/graph 3. Use a key to interpret data 4. Use data from charts and graphs to solve word problems 5. Understand how to read a ruler and measure objects 6. Understand how to measure using non-standard units 	3

Step 5: Determine BIG Ideas (enduring understandings students will remember long after the unit of study)

Step 6: Write Essential Questions (these guide instruction and assessment for all tasks. The big ideas are answers to the essential questions)

<ol style="list-style-type: none"> 1. Charts, tables, and graphs may be used to display data. 2. One way to compare data is through the use of graphs. 3. The scale increments used when making a bar graph is determined by the scale intervals being graphed. 	<ol style="list-style-type: none"> 1. How can surveys be used to collect data? 2. How can graphs be used to display data gathered from a survey? 3. How can graphs be used to compare related data? 4. How do I decide what increments to use for my scale? 5. How can you use graphs to answer a question? 6. How can you use a number line to create a ruler with different measurements?
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| | <ol style="list-style-type: none">7. How can we use fractions to help interpret data from a line plot?8. How do I decide what increments to use for my scale? |
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Essential Unit Vocabulary	
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Graph, frequent, line plot, measurement data, scaled graph, picture graph, bar graph, chart, key	
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Next step, create assessments and engaging learning experience	
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