



Marietta City Schools District Topic Planner

Third Grade

Topic Title

Topic 7: Represent and Interpret Data

Unit duration

8 days

Big Idea: Measurement and Data - Represent and Interpret Data

[Georgia Standards of Excellence](#)

3.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. For example, draw a bar graph in which each square in the bar graph might represent 5 pets.

Major work of the grade Supporting standard Additional standard

Informational Links

[GSE Unit 1 Frameworks: Numbers and Operations in Base Ten](#)

[GSE Unit 6 Frameworks: Measurement](#)

[MCS Math Instructional Framework](#)

[MCS Math Instructional Framework with Resource Guidance](#)

About the Math

[GaDOE: Grade 3 Standards Overview Document](#)

[GaDOE: What Do Standards Look Like in Third Grade?](#)

Topic : Learning Resources**3.MD.3**

Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 7-1	Read Picture and Bar Graphs Savvas pp. 253-256	Students will use bar graphs to compare and interpret data.	3.MD.3
Supplemental 7-1	Tally and Graph MIP Module 13 pp. 276-279	Students are introduced to a scaled bar graph as they create and answer interpretive questions about one.	3.MD.3
Savvas 7-2	Make Picture Graphs Savvas pp. 257-260	Students use frequency tables and picture graphs to compare and interpret data.	3.MD.3
Supplemental 7-2	Pick a Project How is a Book Printed? Savvas p. 251	Students will collect data and create picture graphs.	3.MD.3
Savvas 7-3	Make Bar Graphs Savvas pp. 261-264	Students will use scaled bar graphs to represent data sets.	3.MD.3
Supplemental 7-3	Intervention Activity Make a Bar Graph Savvas p. 264A	Students will make a bar graph and examine how it changes when the scale changes increments.	3.MD.3
Savvas 7-4	Solve Word Problems Using Information in Graphs Savvas pp. 265-268	Students will use graphs to solve problems.	3.MD.3
Supplemental 7-4	3 Act Task Swings and Slides Savvas p. 252-252C	Students will draw on their understanding of graphing and data.	3.MD.3

Additional Resources

3.MD.3		
Standards Addressed	Lesson	Lesson Description
3.MD.3	It's a Data Party Ga DOE Constructing Task	Students will create different graphs after collecting data on different types of party food.
3.MD.3 3.MD.4	The Data Station Ga DOE Scaffolding Task	Students will begin by posing a question. They will then collect, display, and interpret data to the question. Students will need to determine the most appropriate graph to use.

Assessment Resources			
3.MD.3			
Type	Location	Assessment Description	Standards Addressed
Formative	MCS Mini	Students answer questions in which they interpret data.	3.MD.3
Formative	MIP Module 13 pp. 282-284	Students interpret information in a pictograph.	3.MD.3
Summative	Savvas Topic Assessment TE pp. 279-280	Students will demonstrate how data can be represented, analyzed, and interpreted. Digital or print form available through Savvas platform. Use MDIS to support student needs through data.	3.MD.3
Summative	Savvas Topic Performance Task TE pp. 283-284	Students will use a real-life scenario about balloon animals to interpret data.	3.MD.3