



## Marietta City Schools District Topic Planner

*Third Grade*

<b>Topic Title</b>	<i>Topic 5: Fluently Multiply and Divide within 100</i>	<b>Unit duration</b>	<i>12 days</i>
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### **Big Idea: Operations and Algebra -Fluently Multiply and Divide**

[Georgia Standards of Excellence](#)

■ **3.OA.3** Students use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

■ **3.OA.7** Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that  $8 \times 5 = 40$ , one knows  $40 \div 5 = 8$ ) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.

■ Major work of the grade   □ Supporting standard   ● Additional standard

### **Informational Links**

[GSE Unit 2 Frameworks: The Relationship Between Multiplication and Division](#)

[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 5 : Learning Resources			
3.OA.3, 3.OA.7			
Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 5-1	Patterns for Multiplication Facts Savvas pp. 169-172	Students use the multiplication table and the Distributive Property to find patterns in factors and products.	3.OA.7 3.OA.9
Supplemental 5-1	<a href="#">Multiplication Chart Mastery</a> Ga DOE Frameworks Task	Students will explain and describe the patterns they find in the multiplication chart.	3.OA.7
Savvas 5-2	Use a Table to Multiply and Divide Savvas pp. 173-176	Students use number sense and reasoning while practicing multiplication and division facts.	3.OA.7
Supplemental 5-2	<a href="#">Cover Up</a> Math Task	Students use number sense and reasoning while practicing multiplication and division facts.	3.OA.7
Savvas 5-3	Use Strategies to Multiply Savvas pp. 177-180	Students use strategies such as skip counting and properties of operations to multiply.	3.OA.7
Supplemental 5-3	<a href="#">Skip It to Multiply It</a> Math Task	Students are encouraged to skip count and solve story problems rather than counting all.	3.OA.7
Savvas 5-4	Solve Word Problems: Multiplication and Division Facts Savvas pp. 181-184	Students solve multiplication and division problems that involve different strategies and representations.	3.OA.3 3.OA.7
Supplemental 5-4	<a href="#">Raking Leaves</a> Math Task	In this task students will use different strategies to reason and solve using multiplication and division.	3.OA.3 3.OA.7
Savvas 5-5	Write Multiplication and Division Math Stories Savvas pp. 185-188	Students use multiplication and division to write and solve real-world problems involving equal groups.	3.OA.3 3.OA.7

Supplemental 5-5	<a href="#">Write a Math Story</a> Math Task	Students solve division problems and write a real-world problem involving equal groups. Representational evidence will be provided by the student and the quotient checked by using inverse operations.	3.OA.3 3.OA.7
Savvas 5-6	Look For and Use Structure Savvas pp. 189-192	Students use the structures of multiplication and division to compare expressions.	3.OA.3 3.OA.7

### Additional Resources

#### 3.OA.3, 3.OA.7

Standards Addressed	Lesson	Lesson Description
3.OA.3 3.OA.7	<a href="#">My Special Day</a> Ga DOE Culminating Task	Students will plan a party for under \$100.

### Assessment Resources

#### 3.OA.3, 3.OA.7

Type	Location	Assessment Description	Standards Addressed
Formative	MCS Mini	Students solve multiplication and division multiple choice problems.	3.OA.3 3.OA.7
Formative	MIP Module 3 p. 102	Students solve multiplication problems and explain how the products are related.	3.OA.3 3.OA.7
Summative	Savvas Topic Assessment TE pp. 199-200	Students will demonstrate multiple strategies to solve multiplication and division facts. Digital or print forms available through Savvas platform. Use MDIS to support student needs through data.	3.OA.3 3.OA.7
Summative	Savvas Topic Performance Task TE pp. 203-204	Students will use a real-life scenario by using math facts to arrange a gallery display.	3.OA.3 3.OA.7