



Marietta City Schools District Topic Planner

Third Grade

Topic Title	Topic 4: Use Multiplication to Divide: Division Facts	Unit duration	8 days
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Big Idea: Operations and Algebra - Division Facts

[Georgia Standards of Excellence](#)

■ **3.OA.4** Determine the unknown whole number in a multiplication or division equation relating three whole numbers using the inverse relationship of multiplication and division. For example, determine the unknown number that makes the equation true in each of the equations, $8 \times ? = 48$, $5 = \square \div 3$, $6 \times 6 = ?$.

■ **3.OA.6** Understand division as an unknown-factor problem. For example, find $32 \div 8$ by finding the number that makes 32 when multiplied by 8.

■ 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 4 : Learning Resources

3.OA.4, 3.OA.6

Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 4-1	Relate Multiplication and Division	Students use Multiplication Facts to Divide.	3.OA.4

	Savvas pp. 117-120		3.OA.6
Supplemental 4-1	Use What You Know GaDOE Frameworks Task	Students use multiplication facts and strategies to identify the unknown factor in a division problem and then create two on their own.	3.OA.6
Savvas 4-2	Use Multiplication to Divide with 2, 3, 4, and 5 Savvas pp. 121-124	Students use Multiplication Facts to Find Related Division Facts.	3.OA.4 3.OA.6
Supplemental 4-2	Connecting to Division Mastering the Basic Math Facts Multiplication/Division Twos: p.41 Threes: p.100-101 Fours: p.113 Fives: p.66-67	Students use known multiplication facts to relate to division facts for 2, 3, 4, and 5 facts.	3.OA.4 3.OA.6
Supplemental 4-2	How Many Houses in the Barn? MIP Module 3 p.93	Students solve problems that require them to divide by 4 and then observe to discover connections to multiplication by 4.	3.OA.4 3.OA.6
Savvas 4-3	Use Multiplication to Divide with 6 and 7 Savvas pp. 125-128	Students use multiplication facts to find related division facts.	3.OA.4 3.OA.6
Supplemental 4-3	Connecting to Division Mastering the Basic Math Facts Multiplication/Division Sixes: p. 127-128 Sevens: p. 158-159	Students use known multiplication facts to relate to division facts for 6 and 7 facts.	3.OA.4 3.OA.6
Savvas 4-6	Division Involving 0 and 1 Savvas pp.137-140	Students use properties to understand division involving 0 and 1.	3.OA.4 3.OA.6
Supplemental 4-6	Connecting to Division Mastering the Basic Math Facts Multiplication/Division	Students use known multiplication facts to relate to division facts for 0 and 1 facts.	3.OA.4 3.OA.6

	Zeros: 88-89 Ones: pp.77-78		
Savvas 4-8	Solve Multiplication and Division Equations Savvas pp. 145-148	Students use multiplication and division facts to find unknown values in equations.	3.OA.4 3.OA.6
Supplemental 4-8	Hot Dogs at a Picnic GaDOE Frameworks Task	Students use multiplication and division facts to find unknown values in equations.	3.OA.4 3.OA.6

Additional Resources

3.OA.4, 3.OA.6

Standards Addressed	Lesson	Lesson Description
3.OA.4 3.OA.6	Field Day Blunders GaDOE Constructing Task	Students will use the relationship between multiplication and division to solve a real-world problem.

Assessment Resources

3.OA.4, 3.OA.6

Type	Location	Assessment Description	Standards Addressed
Formative	MCS Mini	Students solve multiplication and division equations.	3.OA.4 3.OA.6
Formative	MIP Module 3 p. 97	Students solve a problem by writing a multiplication and division equation.	3.OA.4 3.OA.6
Summative	Savvas Topic Assessment TE pp. 159-160	Students will demonstrate how to find unknown division facts through using a related multiplication fact. Digital or print forms available through Savvas platform. Use MDIS to support student needs through data.	3.OA.4 3.OA.6
Summative	Savvas Topic Performance Task TE pp. 163-164	Students will use a real-life scenario involving a relay race to use related facts.	3.OA.4 3.OA.6