Marietta City Schools
District Topic Planner

Fifth Grade

Topic Title	*Topic 5: Use Models and Strategies to Divide Whole Numbers*	Unit duration	*10 days*

Big Idea: Numbers Base Ten - Dividing Whole Numbers

[Georgia Standards of Excellence](#)

■ **5.NBT.6** Fluently divide up to 4-digit dividends and 2-digit divisors by using at least one of the following methods: strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations or concrete models. (e.g., rectangular arrays, area models).

■ **Major work of the grade** ▢ **Supporting standard** ⬤ **Additional standard**

Informational Links

[GSE Unit 1 Frameworks: Order of Operations & Whole Numbers](#)
[MCS Math Instructional Framework](#)
[MCS Math Instructional Framework with Resource Guidance](#)

About the Math

[GaDOE:Grade 5 Standards Overview Document](#)
[GaDOE: What Do Standards Look Like in Fifth Grade?](#)

Topic 5: Learning Resources

5.NBT.6

Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed

Savvas 5-1	Use Patterns and Mental Math to Divide Savvas pp. 181-184	Students use place-value patterns and mental math to find quotients.	5.NBT.1 5.NBT.6
Supplemental 5-1	Multiplying by Multiples of 10 and 100 MIP Module 4 pp.88-89	Students review multiplying by multiples of 10 and 100. The focus is on understanding beyond just adding a 0 to a number.	5.NBT.1 5.NBT.6
Savvas 5-3	Use Models and Properties to Divide with 2-Digit Divisors Savvas pp. 189-192	Students use models to find quotients.	5.NBT.6
Supplemental 5-3	Division w/ 2-Digit Divisors Using the Area Model MIP Module 4 pp.91-92	Students build on their understanding of dividing with 1-digit divisors to divide with 2-digit divisors, using an area model.	5.NBT.6
Savvas 5-4	Use Partial Quotients to Divide Savvas pp. 193-196	Students solve division problems using partial quotients and the area model.	5.NBT.6
Supplemental 5-4	Partial Quotients with 2-Digit Divisors MIP Module 4 pp.92-94	Students divide 3- and 4- digit numbers by 2-digit divisors using the partial quotient method.	5.NBT.6
Savvas 5-5	Use Sharing to Divide: 2-Digit Divisors Savvas pp. 197-200	Students use place value and sharing to divide by 2-digit divisors.	5.NBT.6
Savvas 5-6	Use Sharing to Divide: Greater Dividends Savvas pp. 201-204	Students use place value and sharing to divide greater dividends.	5.NBT.6
Savvas 5-7	Choose a Strategy to Divide Savvas pp. 205-208	Students select from different strategies to divide 3- and 4-digit numbers by 2-digit numbers.	5.NBT.6
Supplemental 5-5/5-6/5-7	Division Four in A Row Ga DOE Practice Task	Students analyze story problems that demonstrate three different division situations.	5.NBT.6

Additional Resources
5.NBT.6

Standards Addressed	Lesson	Lesson Description
5.NBT.6	GA DOE Practice Task – The Grass is Always Greener	Students will solve a real world task, deciding which turf is the better buy.
5.NBT.6	Reviewing DIvision with a 1-Digit Divisor MIP Module 4 pp. 89-90	This cooperative group review lesson is used to prepare students to make connections with dividing with multi-digit divisors.

Assessment Resources				
5.NBT.6				
Type	Location	Assessment Description		Standards Addressed
Formative	MCS Mini	Students will solve multiple choice division problems.		5.NBT.6
Formative	MCS Mini	Students will complete an extended response problem.		5.NBT.6
Formative	MIP Module 4 pp. 95-96	Students will solve a division problem using partial quotients.		5.NBT.6
Summative	Savvas Topic Assessment TE pp. 219-220	Students will estimate and find quotients of multidigit numbers. Digital or print form available through Savvas platform. Use MDIS to support student needs through data.		5.NBT.6
Summative	Savvas Topic Performance Task TE pp. 223-224	Students will use a real-life scenario involving the sales of school supplies to divide multi-digit numbers.		5.NBT.6