



Marietta City Schools District Topic Planner

Second Grade

Topic Title	<i>Topic 4: Fluently Add Within 100</i>	Unit duration	<i>13 days</i>
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Big Idea: Numbers and Operations - Addition

[Georgia Standards of Excellence](#)

- **2.OA.1** Use addition and ~~subtraction~~ within 100 to solve one- and two-step word problems by using drawings and equations with a symbol for the unknown number to represent the problem. Problems include contexts that involve adding to, taking from, putting together/taking apart (part/part/whole) and comparing with unknowns in all positions.
- **2.NBT.5** Fluently add and ~~subtract~~ within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- **2.NBT.6** Add up to four two-digit numbers using strategies based on place value and properties of operations.

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

Informational Links

- [GSE Unit 4 Frameworks: Applying Base Ten Understanding](#)
- [MCS Math Instructional Framework](#)
- [MCS Math Instructional Framework with Resource Guidance](#)

About the Math

- [GaDOE: Grade 2 Standards Overview Document](#)
- [GaDOE: What Do Standards Look Like in Second Grade?](#)

Topic 4: Learning Resources**2.OA.1, 2.NBT.5, 2.NBT.6**

Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 4-1	Add 2-Digit Numbers Using Models Savvas pp.137 - 140	Students use place-value blocks to model an addition word problem involving two 2-digit numbers	2.NBT.5
Supplemental 4-1	Modeling 2-Digit Plus 2-Digit Addition with Base-Ten Blocks MIP Module 6 pp. 140-141	Students use base-ten materials to explore addition with two 2-digit numbers, with and without regrouping.	2.NBT.5
Savvas 4-2	Continue to Add 2-Digit Numbers Using Models Savvas pp.141 - 144	Students use place-value blocks to solve word problems involving two 2-digit numbers	2.NBT.5 2.OA.1
Supplemental 4-2	2-Digit Addition w/ Base Ten Blocks Math Task	Students use place value blocks to add 2-digit numbers.	2.NBT.5 2.OA.1
Savvas 4-3	Add with Partial Sums Savvas pp.145 - 148	Students draw place-value blocks to add two 2-digit numbers	2.NBT.5 2.OA.1
Supplemental 4-3	Adding with Partial Sums MIP Module 6 pp. 146-149	Students use expanded form to decompose 2-digit numbers, so they can add tens to tens and ones to ones.	2.NBT.5 2.OA.1
Savvas 4-4	Add Using Mental Math and Partial Sums Savvas pp.149 - 152	Students solve a 2-digit addition problem and explain their work	2.NBT.5
Supplemental 4-4	Bit by Bit Savvas Intervention Activity TE p. 152A	Students will add 2-digit numbers using place value and partial sums.	2.NBT.5

Savvas 4-5	Break Apart Numbers and Add Using Mental Math Savvas pp. 153 - 156	Students solve a 2-digit addition problem using place-value blocks or drawings	2.NBT.5
Savvas 4-6	Add More Than Two 2-Digit Numbers Savvas pp. 157 - 160	Students critique a strategy used to add three 2-digit numbers. They then solve the problem using a strategy of their choice. This prepares them to add up to four 2-digit numbers	2.NBT.5 2.NBT.6
Supplemental 4-6	Exploring Addition with More Than Two Addends MIP Module 6 pp. 157-158	Students add three 2-digit numbers and connect to their understanding of the addition process	2.NBT.5 2.NBT.6
Savvas 4-7	Practice Adding Using Strategies Savvas pp. 161 - 164	Students solve a word problem involving three 2-digit numbers and explain how they found their answer	2.NBT.5 2.NBT.6
Supplemental 4-7	Dining Out Math Task	Additional Practice adding 2-digit numbers using different strategies.	2.NBT.5 2.NBT.6
Savvas 4-8	Solve One-Step and Two-Step Problems Savvas pp. 165 - 168	Students are asked to use drawings, models, or equation to solve an addition problem	2.NBT.5 2.NBT.6 2.OA.1
Supplemental 4-8	Additional Word Problems MIP Module 6	Students will use various strategies to solve word problems with 2-digit addition.	2.NBT.5 2.NBT.6 2.OA.1

Additional Resources		
2.OA.1, 2.NBT.5, 2.NBT.6		
Standards Addressed	Lesson	Lesson Description
2.NBT.6	The Candy Bowl Ga DOE 3 Act Task	Students develop efficient ways to group numbers and/or develop compensation strategies for addition and subtraction.
2.NBT.6	Base Ten Pictures Revisited Ga DOE Scaffolding Task	Students create art using base-ten blocks and then decide how to decompose the total amount into different numbers to explain their art using an addition equation
2.NBT.6	Take 100 Revisited Ga DOE Partner Task	Students develop strategies by looking for patterns to mentally add up to 4 two-digit numbers to total a sum of 100.

Assessment Resources			
2.OA.1, 2.NBT.5, 2.NBT.6			
Type	Location	Assessment Description	Standards Addressed
Formative	MCS Mini	Students use strategies to solve addition problems to 100.	2.NBT.5 2.NBT.6
Formative	MIP Module 6 p. 150	Students show two different ways to solve an addition problem.	2.NBT.5 2.NBT.6
Summative	Savvas Topic Assessment TE pp. 179-180	Students use strategies to solve addition problems to 100 with up to four addends. Digital and print form available through Savvas platform.	2.NBT.5 2.NBT.6 2.OA.1
Summative	Savvas Topic Performance Task TE pp. 183-184	Students use a real-life scenario involving fruit salad to add whole numbers.	2.NBT.5 2.NBT.6 2.OA.1