



Marietta City Schools District Topic Planner

Kindergarten

Topic Title

Topic 6: Understand Addition

Unit duration

11 days

Big Idea: Operations and Algebraic Thinking - Investigating Addition

[Georgia Standards of Excellence](#)

■ **K.OA.1** - Represent addition and subtraction with objects, fingers, mental images, drawings², sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Drawings need not show details, but should show the mathematics of the problem.

■ **K.OA.2** - Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

■ **K.OA.5**– Fluently add and subtract within 5. (OA.5 will be explicitly taught within Topic 8.)

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

Informational Links

[GSE Unit 5 Frameworks: Investigating Addition and Subtraction](#)

[MCS Math Instructional Framework](#)

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

About the Math

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

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

Topic 6: Learning Resources			
K.OA.1, K.OA.2, K.OA.5			
Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 6-1	Explore Addition Savvas pp. 201-204	Students begin exploring various ways to explore addition.	K.OA.1
Savvas 6-2	Represent Addition as Adding To Savvas pp. 205-208	Students begin solving word problems through using drawings and objects.	K.OA.1 K.OA.2
Supplemental 6-2	Adding To with Bears MIP Module 7 pp. 156-157	Students use bear manipulatives to solve <i>adding to</i> word problems.	K.OA.1 K.OA.2
Savvas 6-3	Represent Addition as Putting Together Savvas pp. 209-212	Students continue their work with addition- discovering that when we add, we put together.	K.OA.1 K.OA.2
Supplemental 6-3	Act Out Putting Together MIP Module 7 pp. 159-160	Students will learn about <i>putting together</i> by acting out problems.	K.OA.1 K.OA.2
Savvas 6-4	Represent and Explain Addition with Equations Savvas pp. 213-216	Students will continue their exploration of addition and begin writing equations to represent problems.	K.OA.1 K.OA.2
Supplemental 6-4	Using Number Bonds to Show Addition MIP Module 7 pp. 172-173	Students use numbers bonds to solve word problems.	K.OA.1 K.OA.2
Supplemental 6-4	Representing Addition with Equations MIP Module 7 pp. 173-175	Students will solve addition problems by writing number bonds and making them into equations.	K.OA.1 K.OA.2
Savvas 6-5	Solve Addition Word Problems: Add To Savvas pp. 217-220	Students solve different Add To Result Unknown addition word problems.	K.OA.2

Savvas 6-6	Solve Addition Word Problems: Put Together Savvas pp. 221-224	Students solve different Put Together Result Unknown addition word problems.	K.OA.2
Savvas 6-7	Use Patterns to Develop Fluency in Addition Savvas pp. 225-228	Students continue their work with addition as they solve problems to build fluency.	K.OA.5
Supplemental 6-7	Chips, Chips, What Color Chips? MIP Module 6 pp. 122-123	Students use a specified quantity of 2-sided counters and label the parts with numbers to find patterns to make addition equations.	K.OA.5

Additional Resources

K.OA.1, K.OA.2, K.OA.3, K.OA.4, K.OA.5

Standards Addressed	Lesson	Lesson Description
K.OA.1 K.OA.5 K.OA.6	GA DOE Intervention - Adding & Subtracting w/ Counters	The students use counters to solve addition word problems.
K.OA.1 K. OA.3 K. OA.4 K.OA.5	GA DOE Constructing Task - Shake & Spill Addition (5 or 10)	Give each student a cup of five double-sided counters. Ask students to swirl the cup of counters and then spill them on their table or work space. Then show students how to record what they see using a number sentence.

Assessment Resources

K.OA.1, K.OA.2, K.OA.5

Type	Location	Assessment Description	Standards Addressed
Formative	MIP Module 7 p. 157	Students will solve problems with a set of manipulatives (other than teddy bears), as the teacher takes observational notes.	K.OA.1 K.OA.2
Formative	MIP Module 7 pp. 162-163	Students describe what is happening in addition problems using counters, as the teacher takes observational notes on their work and responses.	K.OA.1 K.OA.2
Formative	MIP Module 7 p. 266	Students use a part-part-whole mat with cubes to solve addition problems	K.OA.1 K.OA.2
Summative	Savvas Topic Assessment TE pp. 239-242	Students will write numbers to tell how many are in all, write an equation, and find the answer and write the numbers to tell how many. Digital or print form available	K.OA.1 K.OA.2

		through Savvas platform. Use MDIS to support student needs through data.	
Summative	Savvas Topic Performance Task TE pp.	Students will count different types of instruments, and then write an addition sentence to tell how many are in all.	K.OA.1 K.OA.2