

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: SEPTEMBER Topic(s): <ul style="list-style-type: none"> • TOPIC 1: Understanding Addition • TOPIC 2: Understanding Subtraction 	
Content/Big Ideas	OPERATIONS & ALGEBRAIC THINKING (OA) <ul style="list-style-type: none"> • Number uses, classification, and representation • Equivalence • Comparison and relationships • Operation meanings and relationships • Properties • Basic Facts and Algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies 	
Essential Questions	What are ways to think about addition? What are ways to think about subtraction?	
Concepts	Developing understanding of addition, subtraction, and strategies for addition and subtraction within 20. <ul style="list-style-type: none"> • Represent and solve problems involving addition and subtraction • Understand and apply properties of operations and the relationship between addition and subtraction. • Work with addition and subtraction equations • Add and subtract within 20 	
Competencies	<ul style="list-style-type: none"> • Represent and solve problems involving addition. • Represent and solve problems involving subtraction. 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.2.1.A.1 • CC.2.2.1.A.2 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fluency Facts 	

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: October Topic(s): <ul style="list-style-type: none"> • TOPIC 3: Five and Ten Relationships • TOPIC 4: Addition and Subtraction Fact to 12 	
Content/Big Ideas	OPERATIONS & ALGEBRAIC THINKING (OA) <ul style="list-style-type: none"> • Number uses, classification, and representation • Equivalence • Comparison and relationships • Operation meanings and relationships • Properties • Basic Facts and Algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies 	
Essential Questions	How can numbers to 10 be shown using 5 and some more? What strategies can be used to find addition and subtraction facts?	
Concepts	Developing understanding of addition, subtraction, and strategies for addition and subtraction within 20. <ul style="list-style-type: none"> • Understand and apply properties of operations and the relationship between addition and subtraction. • Add and subtract within 20. • Work with addition and subtraction equations. 	
Competencies	<ul style="list-style-type: none"> • Parts of 10, Making 10 • Addition and subtraction fact strategies 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.2.1.A.1 • CC.2.2.1.A.2 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: November	
	Topic(s): <ul style="list-style-type: none"> • TOPIC 5: Addition Fact to 20 • TOPIC 6: Subtraction Facts to 20 	
Content/Big Ideas	OPERATIONS & ALGEBRAIC THINKING (OA) <ul style="list-style-type: none"> • Number uses, classification, and representation • Equivalence • Comparison and relationships • Operation meanings and relationships • Properties • Basic Facts and Algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies 	
Essential Questions	What other strategies can be used to find addition facts? What other strategies can be used to find subtraction facts?	
Concepts	Developing understanding of addition, subtraction, and strategies for addition and subtraction within 20. <ul style="list-style-type: none"> • Represent and solve problems involving addition and subtraction. • Understand and apply properties of operations and the relationship between addition and subtraction. • Add and subtract within 20. • Work with addition and subtraction equations. 	
Competencies	<ul style="list-style-type: none"> • Add within 20. • Subtract within 20. 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.2.1.A.1 • CC.2.2.1.A.2 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	

Teacher: Wicker, Dunmire, Hoover		Course: Mathematics	Grade Level(s): 1
	Month: December Topic(s): <ul style="list-style-type: none"> • TOPIC 7: Counting and Number Patterns to 120 		
Content/Big Ideas	Number Operations in Base Ten (NBT) <ul style="list-style-type: none"> • Number uses, classification, and representation • The base-ten numeration system • Equivalence • Comparison and relationships • Basic facts and algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies 		
Essential Questions	What number patterns are there when counting to 120?		
Concepts	Developing understanding of whole number relationships and place value, including grouping in tens and ones <ul style="list-style-type: none"> • Extend the counting sequence • Understand place value 		
Competencies	<ul style="list-style-type: none"> • Understand place value, extend the counting sequence to 120 		
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.1.1.B.1 • CC.2.1.1.B.2 		
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 		

	<p>Month: January</p> <p>Topic(s):</p> <ul style="list-style-type: none"> • TOPIC 8: Tens and Ones • TOPIC 9: Comparing numbers to 100
Content/Big Ideas	<p>Number Operations in Base Ten (NBT)</p> <ul style="list-style-type: none"> • Number uses, classification, and representation • The base-ten numeration system • Equivalence • Comparison and relationships • Basic facts and algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies
Essential Questions	<p>How can numbers greater than 10 be shown, counted, read, and written?</p> <p>How can numbers to 100 be compared and ordered?</p>
Concepts	<p>Developing understanding of whole number relationships and place value, including grouping in tens and ones</p> <ul style="list-style-type: none"> • Understand place value • Use place value understanding and properties of operations to add and subtract
Competencies	<ul style="list-style-type: none"> • Understand place value • Compare numbers based on tens and ones
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.1.1.B.2 • CC.2.1.1.B.3
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: February Topic(s): <ul style="list-style-type: none"> • TOPIC 10: Adding with tens and ones • TOPIC 11: Subtracting with tens and ones 	
Content/Big Ideas	Number Operations in Base Ten (NBT) <ul style="list-style-type: none"> • Number uses, classification, and representation • The base-ten numeration system • Equivalence • Comparison and relationships • Basic facts and algorithms • Patterns, relations, and functions • Practices, processes, and proficiencies 	
Essential Questions	What are ways to add with tens and ones? What are ways to subtract 2 digit numbers?	
Concepts	Developing understanding of whole number relationships and place value, including grouping in tens and ones <ul style="list-style-type: none"> • Use place value understanding and properties of operations to add and subtract 	
Competencies	<ul style="list-style-type: none"> • Use place value understanding to add within 100. • Subtract multiples of ten from 2 digit numbers. 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.1.1.B.3 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: March Topic(s): <ul style="list-style-type: none"> • TOPIC 12: Length • TOPIC 13: Time 	
Content/Big Ideas	Measurement and Data (MD) <ul style="list-style-type: none"> • Comparison and Relationships • Measurement • Data collection and representation • Practices, Processes, and Proficiencies 	
Essential Questions	How can objects be measured, compared, and ordered by length? How can clocks and schedules be read and used?	
Concepts	Developing understanding of linear measurement and measuring lengths as iterating length units <ul style="list-style-type: none"> • Measure lengths indirectly and by iterating length units • Tell and write time • Represent and interpret data 	
Competencies	<ul style="list-style-type: none"> • Measure length indirectly and by iterating length units • Tell and write time 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.4.1.A.2 • CC.2.4.1.A.4 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: April Topic(s): <ul style="list-style-type: none"> • TOPIC 14: Using Data to Answer Questions • TOPIC 15: Geometry 	
Content/Big Ideas	Measurement and Data <ul style="list-style-type: none"> • Comparison and Relationships • Measurement • Data collection and representation • Practices, Processes, and Proficiencies Geometry <ul style="list-style-type: none"> • Numbers and the number line • Geometric figures • Practices, Processes, and Proficiencies 	
Essential Questions	How can graphs be used to show data and answer questions? How can shapes and solids be described, compared, and used to make other shapes?	
Concepts	Reasoning about attributes of, and composing and decomposing geometric shapes. <ul style="list-style-type: none"> • Represent and interpret data • Reason with shapes and their attributes 	
Competencies	<ul style="list-style-type: none"> • Represent and interpret data • Reason with shapes and their attributes 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.4.1.A.4 • CC.2.3.1.A.1 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	

Teacher: Wicker, Dunmire, Hoover	Course: Mathematics	Grade Level(s): 1
	Month: May Topic(s): <ul style="list-style-type: none"> • TOPIC 16: Fractions of Shapes • Step Up to Grade 2 Lessons 	
Content/Big Ideas	Reason with shapes and their attributes <ul style="list-style-type: none"> • Numbers and the number line • Geometric figures • Practices, Processes, and Proficiencies 	
Essential Questions	How can fractions be used to name a part of a whole object?	
Concepts	Reasoning about attributes of, and composing and decomposing geometric shapes. <ul style="list-style-type: none"> • Reason with shapes and their attributes 	
Competencies	<ul style="list-style-type: none"> • Partitioning into equal shares 	
Standards/Benchmarks	<ul style="list-style-type: none"> • CC.2.3.2.A.2 	
Activities & Assessments	<ul style="list-style-type: none"> • Daily Common Core Reviews • Quick Checks • Leveled Homework • Topic Tests • Fact Fluency 	