

CURRICULUM MAP

Course Title: Math

UNIT/ORGANIZING PRINCIPLE: Operation and Algebraic Thinking

PACING: 13

UNIT NUMBER: Ch. 6

ESSENTIAL QUESTIONS:	What is the importance of patterns in learning multiplication and division?			
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
Lesson 1- Patterns in the Multiplication Table 3.OA.5 3.OA.9 Lesson 2- Multiply by 2 3.OA.1 3.OA.3 3.OA.4	I can use the Commutative property of multiplication. I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work. I can understand multiplication by thinking about groups of objects. I can use what I know about multiplication and division to solve word problems. I can find the missing number in a multiplication or division equation.	Benchmark Test 2		Counters Number line Counters Number lines

3.OA.5	I can use the Commutative property of multiplication.			
3.OA.7	I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.			
3.OA.9	I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.			
Lesson 3- Divide by 2				
3.OA.2	I can understand division by thinking about how one group can be divided into smaller groups.			
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the missing number in a multiplication or division equation.			
3.OA.6	I can find the answer to a division problem by thinking of the missing factor in a multiplication problem.			
3.OA.7	I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.			
3.OA.9	I can find patterns in addition and multiplication tables and explain			

Counters
Number lines

<p>Lesson 4- Multiply by 5</p> <p>3.OA.1</p> <p>3.OA.3</p> <p>3.OA.4</p> <p>3.OA.5</p> <p>3.OA.7</p> <p>3.OA.9</p>	<p>them using what I know about how numbers work.</p> <p>I can understand multiplication by thinking about groups of objects.</p> <p>I can use what I know about multiplication and division to solve word problems.</p> <p>I can find the missing number in a multiplication or division equation.</p> <p>I can use the Commutative property of multiplication.</p> <p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p> <p>I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.</p>			<p>Nickels</p>
<p>Lesson 5- Divide by 5</p> <p>3.OA.2</p> <p>3.OA.3</p>	<p>I can understand division by thinking about how one group can be divided into smaller groups.</p> <p>I can use what I know about multiplication and division to solve</p>			<p>Play money Counters</p>

	word problems.			
3.OA.4	I can find the missing number in a multiplication or division equation.			
3.OA.6	I can find the answer to a division problem by thinking of the missing factor in a multiplication problem.			
3.OA.7	I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.			
Lesson 6- Problem –solving investigation: look for a pattern 3.OA.9	I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.			
Lesson 7- Multiply by 10 3.OA.1	I can understand multiplication by thinking about groups of objects.			Play money
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the missing number in a multiplication or division equation.			
3.OA.5	I can use the Commutative property of multiplication.			

3.OA.7	I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.			
3.OA.9	I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.			
Lesson 8- Multiples of 10 3.OA.1	I can understand multiplication by thinking about groups of objects.		Multiple	Base ten blocks
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the missing number in a multiplication or division equation.			
3.OA.5	I can use the Commutative property of multiplication.			
3.OA.7	I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.			
3.OA.9	I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.			
3.NBT.3	I can quickly multiply any on digit whole number by 10.			

<p>Lesson 9 – Divide by 10</p> <p>3.OA.2</p> <p>3.OA.3</p> <p>3.OA.4</p> <p>3.OA.6</p> <p>3.OA.7</p>	<p>I can understand division by thinking about how one group can be divided into smaller groups.</p> <p>I can use what I know about multiplication and division to solve word problems.</p> <p>I can find the missing number in a multiplication or division equation.</p> <p>I can find the answer to a division problem by thinking of the missing factor in a multiplication problem.</p> <p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			<p>Base ten blocks</p>
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