

CURRICULUM MAP

Course Title: Math

UNIT/ORGANIZING PRINCIPLE: Operations and Algebraic Thinking

PACING:

UNIT NUMBER: Ch. 7

ESSENTIAL QUESTIONS:	What strategies can be used to learn multiplication and division facts?			
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
Lesson 1- Multiply by 3 3.OA.1 3.OA.3 3.OA.4 3.OA.5 3.OA.7	<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 associative, commutative, distributive 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>	Benchmark Test 2		Grid paper

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

<p>Lesson 3- Double the known fact 3.OA.1</p>	<p>I can understand multiplication by thinking about groups of objects.</p>		<p>Known fact Decompose</p>	<p>Counter</p>
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>			
<p>3.OA.7</p>	<p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			
<p>3.OA.9</p>	<p>I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.</p>			
<p>Lesson 4- Multiply by 4 3.OA.1</p>	<p>I can understand multiplication by thinking about groups of objects.</p>		<p>Known fact Decompose</p>	<p>Counter</p>
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>			
<p>3.OA.4</p>	<p>I can find the missing number in a multiplication or division equation.</p>			
<p>3.OA.7</p>	<p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			

<p>3.OA.9</p>	<p>I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.</p>			
<p>Lesson 5- Divide by 4 3.OA.2</p>	<p>I can understand division by thinking about how one group can be divided into smaller groups.</p>			<p>Counters Multiplication table</p>
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>			
<p>3.OA.4</p>	<p>I can find the missing number in a multiplication or division equation.</p>			
<p>3.OA.6</p>	<p>I can find the answer to a division problem by thinking of the missing factor in a multiplication problem.</p>			
<p>3.OA.7</p>	<p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			
<p>Lesson 6- Problem solving- investigation 3.OA.1</p>	<p>I can understand multiplication by thinking about groups of objects.</p>			
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>			

<p>3.OA.7</p>	<p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			
<p>Lesson 7 – Multiply by 0 and 1 3.OA.1</p>	<p>I can understand multiplication by thinking about groups of objects.</p>		<p>Identity property of multiplication</p>	<p>Connecting cubes</p>
<p>3.OA.3</p>	<p>I can use what I know about multiplication and division to solve word problems.</p>		<p>Zero property of multiplication</p>	
<p>3.OA.4</p>	<p>I can find the missing number in a multiplication or division equation.</p>			
<p>3.OA.5</p>	<p>I can use the associative, commutative, distributive property of multiplication.</p>			
<p>3.OA.7</p>	<p>I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>			
<p>3.OA.9</p>	<p>I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.</p>			

<p>Lesson 8- Divide with 0 and 1</p> <p>3.OA.2</p> <p>3.OA.3</p> <p>3.OA.5</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 use the associative, commutative, distributive 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>Counters</p>
--	--	--	--	------------------------

--	--	--	--	--