

CURRICULUM MAP

Course Title: Math

UNIT/ORGANIZING PRINCIPLE: Operations and Algebraic Thinking

PACING: 9

UNIT NUMBER: Ch. 4

ESSENTIAL QUESTIONS:	What does multiplication mean?			
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
<p>Lesson 1- model multiplication 3.OA.1</p> <p>3.OA.3</p> <p>Lesson 2- Multiplication as repeated addition 3.OA.1</p> <p>3.OA.3</p> <p>3.OA.8</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 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 addition, subtraction, multiplication and division to solve all kinds of word problems and then use mental math to decide if my answers are reasonable.</p>	<p>Benchmarks Test 2</p>	<p>Equal groups Multiplication Multiplication sentences Multiply</p> <p>Factors Multiply Product</p>	<p>Connecting cubes Counters</p> <p>Counters</p>

<p>Lesson 3- Multiply with Arrays 3.OA.1</p> <p>3.OA.3</p> <p>3.OA.5</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 use the associative property of multiplication</p>		<p>Array Commutative property of multiplication</p>	
<p>Lesson 4- Arrays and Multiplication 3.OA.1</p> <p>3.OA.3</p> <p>3.OA.5</p> <p>3.OA.8</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 use the associative property of multiplication</p> <p>I can addition, subtraction, multiplication and division to solve all kinds of word problems and then use mental math to decide if my answers are reasonable.</p>		<p>Array Commutative property of multiplication</p>	

<p>Lesson 5- Problem solving investigation: Make a table 3.OA.1</p> <p>3.OA.3</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>Lesson 6- use multiplication to find combinations 3.OA.1</p> <p>3.OA.3</p> <p>3.OA.8</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 addition, subtraction, multiplication and division to solve all kinds of word problems and then use mental math to decide if my answers are reasonable.</p>		<p>Combination Tree diagram</p>	