CURRICULUM MAP

Course Title: Math

UNIT/ORGANIZING PRINCIPLE: Operations and algebraic thinking   **PACING: 13**

UNIT NUMBER: Ch. 8

ESSENTIAL QUESTIONS:	How can multiplication and division facts with smaller numbers be applied to larger numbers?			
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
Lesson 1- multiply by 6		Benchmark test 3		Counters
3.OA.1	I can understand multiplication by thinking about groups of objects.			
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the mission number in multiplication of division equation.			
3.OA.5	I can use the Commutative property of multiplication.			
	I can use the Distributive 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 2-Multiply by 7				Grid paper
3.OA.1	I can understand multiplication by thinking about groups of objects.			
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the mission number in multiplication of division equation.			
3.OA.5	I can use the Commutative property of multiplication.			
	I can use the Distributive 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.			

				Counters
Lesson 3- **Divide by 6 and 7**				
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 mission number in multiplication of 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 4- **Multiply by 8** **3.OA.1**	**I can understand multiplication by thinking about groups of objects.**			**Counters**
3.OA.3	**I can use what I know about multiplication and division to solve word problems.**			
3.OA.4	**I can find the mission number in multiplication of division equation.**			
3.OA.5	**I can use the Commutative property of multiplication.**			

	I can use the Distributive 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 5-Multiply by 9				Chart paper
3.OA.1	I can understand multiplication by thinking about groups of objects.			
3.OA.3	I can use what I know about multiplication and division to solve word problems.			
3.OA.4	I can find the mission number in multiplication of division equation.			
3.OA.5	I can use the Commutative property of multiplication.			
	I can use the Distributive 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 6- Divide by 8 and 9				Counters
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 mission number in multiplication of division equation.			
3.OA.6	I can find the answer to a division problem by thinking of the missing factor in a multiplication problem			
Lesson 7- Problem solving Investigation: Make an Organized list				
3.OA.3	I can use what I know about multiplication and division to solve word problems.			

Lesson 8- **Multiply by 11 and 12** **3.OA.1**	**I can understand multiplication by thinking about groups of objects.**			**Grid paper**
Lesson 9- **Divide by 11 and 12** **3.OA.2**	**I can understand division by thinking about how one group can be divided into smaller groups.**			**Counters**
3.OA.4	**I can find the mission number in multiplication of division equation.**			
3.OA.6	**I can find the answer to a division problem by thinking of the missing factor in a multiplication problem**			