

MStM Math Curriculum Lesson Plan Template

Grade Level: Kindergarten

Teacher: Mrs. Henson & Mrs. Webster

Math Standard/Benchmark: Standard 1: Students can understand and apply a variety of math concepts.

A. Students can understand and apply number properties and operations.

Grade Level Objective: 1.A.K.2: Write numbers 0-10.

Instructional Strategies: Give students shaving cream to spread on their desks, introduce each number with a poem to help students remember the formation of the specific number. Then have students practice “writing” the number with their fingers in the shaving cream. Once they have mastered all their numbers 0-10 correctly with shaving cream, transfer the activity to paper and pencil.

Assessments: Correctly completed numbers both on shaving cream and writing paper, independent work, and teacher observation.

Instructional Timeline:

Martensdale-St. Marys Community School

Math Curriculum

Standard 1: Students can understand and apply a variety of math concepts.
Grade: Kindergarten

<i>Benchmark:</i>	<i>Grade Level Objectives</i>	<i>Instructional Strategies</i>	<i>Assessments</i>	<i>Instructional Timeline</i>
<i>A. Students can understand and apply number properties and operations.</i>	1.A.K.1: Count, represent, read, compare, and order whole numbers. (G,C,T)	Observation Hands-on practice	Teacher Observation Chapter Tests	
	1.A.K.2: Write numbers 0-10. (C,T)	Guided Practice Whole Group Practice	Teacher Observation Independent Work	
	1.A.K.3: Count by ones, fives, and tens up to 100.	Whole Group Practice Number Lines Flash Cards	Teacher Observation	
<i>B. Students can understand and apply concepts and procedures of algebra.</i>	1.B.K.1: Recognize, describe, create and extend repeating and growing patterns such as physical, geometric and numeric patterns.	Guided Practice Manipulatives Whole Group Practice Observation	Teacher Observation Independent Work	
	1.B.K.2: Sort, classify, and order objects by size, number and other properties. (T)	Venn Diagram Sorting activities One-to-one correspondence Math Centers	Teacher Observation Independent Work	
	1.B.K.3: Develop concepts of addition and subtraction using manipulatives working with numbers up to 10.	Guided Practice Manipulatives Whole Group Practice Observation	Teacher Observation Independent Work	

	1.B.K.4: Understand equality as meaning "the same as" and use the = symbol appropriately.	Guided Practice Whole Group Practice Observation	Teacher Observation Independent Work	
C. Students can understand and apply concepts of geometry.	1.C.K.1 Experience and recognize symmetry.	Create drawings and paintings which display symmetry	Chapter Tests Teacher Observation Independent Work	
D. Students can understand and apply concepts of measurement.	1.D.K.1 Identify attributes that are measurable, such as length, weight, time and money, and use these attributes to order objects and make direct comparisons. (MCGF)	Penny, Nickel, Dime identification and values Telling time to the hour	Chapter Tests Teacher Observation Independent Work	

**Martensdale-St. Marys Community School
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**Standard 2: Students can understand and apply methods of estimation.
Grade: Kindergarten**

Benchmark: The students will:	Grade Level Objectives	Instructional Strategies	Assessments	Instructional Timeline
A. Students can understand and apply concepts and procedures of estimation and number sense.	2.A.K.1: Estimate, measure and compute measurable attributes while solving problems. (G, C, T)	Select appropriate measurement tools and units Estimate & measure	Teacher Observation Independent Work	
	2.A.K.2: Estimate length using non-standard units with comprehension. (G)	Telling time both on analog and digital clocks Use a variety of non-standard units of measurement	Chapter Tests Teacher Observation Independent Work	

**Martensdale-St. Marys Community School
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**Standard 3: Students can solve a variety of math problems.
Grade: Kindergarten**

Benchmark: The student will:	Grade Level Objectives	Instructional Strategies	Assessments	Instructional Timeline
A. Students can understand and apply problem solving approaches and procedures.	3.A.K.1: Develop understandings of addition and subtraction and strategies for basic addition facts and related subtraction facts. (C,T,G)	Guided Practice Whole Group Work Teacher Modeling Math Centers	Chapter Tests Teacher Observation Independent Work	
	3.A.K.2: Develop fluency and quick recall of addition facts and related subtraction facts and fluency with single digit addition and subtraction. (C,T)	Practice within morning opening Guided Practice Flashcards	Whole Group Activities Teacher Observation Independent Work	

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**Standard 4: Students can interpret data presented in a variety of ways.
Grade:**

Benchmark: The student will:	Grade Level Objectives	Instructional Strategies	Assessments	Instructional Timeline
A. Students can understand and apply problem solving approaches and procedures.	4.A.K.1: Collect, sort, organize, and represent data to ask and answer questions relevant to the K-2 environment. (MCGF)	Hands-on manipulatives Student made graphs	Whole Group Activities Teacher Observation Independent Work	
	4.A.K.2: Compare representations of data using these types of graphs: bar graphs and picture graphs. (C,G,T)	Whole Group Practice Student made graphs	Whole Group Activities Teacher Observation Independent Work	
	4.A.K.3: Use information displayed on graphs to answer questions and make predictions, inferences and generalizations such as likely or unlikely events. (G)	Teacher lead questioning Modeling Problem solving	Whole Group Activities Teacher Observation	