

Math-Pre-First

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<p><u>Number Sense</u></p> <p>Numbers 0-9</p> <p>September</p>	<ul style="list-style-type: none"> • Identify numerals 0-9 • Sequence numerals 0-9 • Write numerals 0-9 with proper formation • Count to 9 • Relate quantity to numeral • Count with 1-1 correspondence and know the last counting word tells how many items are counted • Estimate the number in a collection to 9, then compare estimate by counting actual items • Verbally count from a number (other than 1) by ones • <i>Identify: number words zero-ten</i> • Count numerals aloud 0-31 • Recognition of numerals 0-31 	<ul style="list-style-type: none"> • Printing of numerals • Test S-3 • Teacher observation 	<p>count, estimate, how many</p>	
<p><u>Calendar</u></p> <p>Concepts covered throughout the whole year</p>	<ul style="list-style-type: none"> • Verbalize days of the week and months of the year 	<ul style="list-style-type: none"> • Teacher observation • Classroom participation • Test My-3 	<p>week, weekend, month, days, today, tomorrow, yesterday, year, days of the week, months of the year</p>	

Math-Pre-First

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<u>Patterning</u> October	<ul style="list-style-type: none"> • Translate a pattern • Reproduce and continue patterns • Observe similarities and differences in patterns • Create AB, ABC patterns 	<ul style="list-style-type: none"> • Recognition of a pattern • Verbalization of a given pattern • Reproduction of a pattern • Test O-1 	pattern, continue, similar, different	
<u>Graphing</u> October	<ul style="list-style-type: none"> • Gather information and display in bar graphs and pictographs • Compare information and answer simple questions related to data displayed on graphs 	<ul style="list-style-type: none"> • Verbalize information from a bar graph • Graphing D-3 	equal, more, less, horizontal, vertical, bar graph, pictograph, column, vertical, horizontal	
<u>Number Sense</u> Numbers 10-19 November	<ul style="list-style-type: none"> • Recognition of numerals 10-19 • Sequence numerals 10-19 • Write with proper formation numerals 10-19 • Count to 19 • Relate quantity to numeral • Draw pictures or other symbols to represent a spoken number up to 19 • Recognition of small and teen family 	<ul style="list-style-type: none"> • Writing numbers 0-19 from memory • Given a number, make a set of objects • Count aloud • Test N-1 	teen family, small family	
Geometric Shapes November	<ul style="list-style-type: none"> ▪ Recognize similarities and differences between 6 basic shapes (circle, square, triangle, rectangle, oval, diamond/rhombus) ▪ Recognize geometric shapes in the environment ▪ Arrange shapes in size order (increasing and decreasing) 	<ul style="list-style-type: none"> • Teacher observation • Test D-4 	circle, square, triangle, rectangle, oval, diamond/rhombus, prism, cone, cylinder, sphere	

Math-Pre-First

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<u>Geometric Shapes</u> November	<ul style="list-style-type: none">▪ Recognize, name, and sort 2- and 3-dimensional shapes• Recognize similarities and differences between prisms, cones, cylinders, spheres			
<u>Points on Numbers</u> December	<ul style="list-style-type: none">• Placement of points on numerals 1-9	<ul style="list-style-type: none">• Teacher observation• Test D-1		

Math-Pre-First

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<u>Computation</u> Addition December	<ul style="list-style-type: none"> Combining sets to 10 Solving verbal addition story problems Recording addition sentences Solving addition sentences 	<ul style="list-style-type: none"> Interpret addition sentences Generate addition problems and sentences from pictures Test J-2 	set, joining sets, addition, how many in all	
<u>Time</u> Telling Time January	<ul style="list-style-type: none"> Time to the hour using both digital and analog clocks Naming parts of a clock Recording time to the hour Recognize specific times (morning, noon, afternoon, and evening) 	<ul style="list-style-type: none"> Reading the clock Recording time from a clock Test J-1 	face, hands, numerals, digital, analog, morning, noon, afternoon, evening	
<u>Number Sense</u> Counting January	<ul style="list-style-type: none"> Counting by 5s 	<ul style="list-style-type: none"> Write by 5s Test F-3 		
<u>Money</u> February	<ul style="list-style-type: none"> Recognize penny, nickel, dime, quarter Recognize value of penny, nickel, dime Recognize the cent notation (¢) 	<ul style="list-style-type: none"> Identify specific coin(s) and value(s) Test F-1 	value, penny, nickel, dime, cent, cent sign (¢)	
<u>Number Sense</u> Numbers 0-25 February	<ul style="list-style-type: none"> Recognition of numerals 0-25 Sequence numerals 0-25 Write with proper formation 0-25 Count 0-25 Relate quantity to numeral Name the number before and/or after, and between 2 given numerals 0-25 	<ul style="list-style-type: none"> Write numerals from memory Given a number, make a set of objects Count aloud Test F-2 	higher, lower, greater, less, compare, before, after, between	

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
	<ul style="list-style-type: none"> Use appropriate vocabulary: higher, lower, greater, less to compare 2 numerals 			
<u>Number Sense</u> Ordinal Numbers <i>March</i>	<ul style="list-style-type: none"> Identify ordinal positions 1st through 10th 	<ul style="list-style-type: none"> Locate and verbalize position in a set of objects Test M-1 	ordinal, first through tenth	
Calculators <i>March</i>	<ul style="list-style-type: none"> Parts of a calculator Use of a calculator Addition with a calculator 	<ul style="list-style-type: none"> Teacher observation Test M-2 	calculator, keys, clear	

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<u>Computation</u> Subtraction March	<ul style="list-style-type: none"> Count backwards from 10 to 0 Removal from sets Solve verbal subtraction stories Solve subtraction problems Record subtraction problems 	<ul style="list-style-type: none"> Teacher observation Interpretation of subtraction sentences Generation of subtraction problems and sentences from pictures Test A-1 	subtraction, how many are left, separating, removing	
<u>Number Sense</u> Numbers to 50 April	<ul style="list-style-type: none"> Recognize numerals to 50 Sequence numerals 0-50 Write numerals 0-50 with proper formation Count 0-50 Relate quantity to numeral 	<ul style="list-style-type: none"> Write from memory Count aloud Recognition Test A-2 		
<u>Length Measurement</u> Linear Measurement April	<ul style="list-style-type: none"> Use nonstandard units to measure vertical and horizontal Select and use nonstandard units to estimate measurements Proper placement of rulers when measuring Measuring with a 12" ruler using inches Vocabulary: ruler, yardstick, inch(es), foot, yard Recognize length as a measurable attribute 	<ul style="list-style-type: none"> Accurately measure lines on a paper with a ruler Test A-3 	ruler, yardstick, inch(es), foot, yard, horizontal, vertical, measure, length	

Math-Pre-First

Content/ Month	Skills	Assessment	Vocabulary Specific to Unit	Essential Questions
<u>Money</u> May	<ul style="list-style-type: none"> Count out amounts of money to 10¢ 	<ul style="list-style-type: none"> Test My-1 	amount, total, value	
<u>Number Sense</u> Numbers 51-100 May	<ul style="list-style-type: none"> Recognition of numerals 51-100 Sequence numerals 51-100 Write with proper formation of numerals 51-100 Count 0-100 	<ul style="list-style-type: none"> Write from memory Count aloud Recognition Test My-2 		
<u>Number Sense</u> Introduction to Place Value June	<ul style="list-style-type: none"> Group a collection of items using groups of 10 Counting by 10s Name collections using tens, ones 	<ul style="list-style-type: none"> Teacher observation Forming and labeling groups of tens and ones Test Ju-1 	tens, ones	
<u>Counting</u> Number Sense Patterning June	<ul style="list-style-type: none"> Counting by 2s to 20 Recognizing patterns on number charts 	<ul style="list-style-type: none"> Counting aloud Writing number patterns Test Ju-2 	pattern, number chart	