

# SFA Math Curriculum Grade K

## Math Performance Benchmarks

### August-September

6.A.Ka Use concepts that include number recognition, counting, sequence of numbers, one-to-one correspondence and ordinals  
8.A.Ka Sort objects into groups and tell the rule or rationale for the groups  
9.B.K Show understanding of and use direction, location, and position words

<b>Unit 1</b>	<b>Welcome to School</b>
<b>Day 1</b>	Explore manipulatives
<b>Day 2</b>	List attributes
<b>Day 3</b>	Use attributes to make comparisons
<b>Day 4</b>	Use attributes to make comparisons
<b>Day 5</b>	Match objects that have all the same attributes
<b>Unit 2</b>	<b>I am Amazing! I Feel Fine!</b>
<b>Day 1</b>	Sort by patterns
<b>Day 2</b>	Sort by attribute; color and size
<b>Day 3</b>	Sort by attribute; small and large
<b>Day 4</b>	Represent a sort on a graph
<b>Day 5</b>	Correlate length to numbers; sort and graph
<b>Day 6</b>	Determine position of objects
<b>Day 7</b>	Determine position of objects
<b>Day 8</b>	Count to 10
<b>Day 9</b>	Count to 10
<b>Day 10</b>	Count to 10

Assessment: Use Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## October

6.A.Ka Use concepts that include number recognition, counting, sequence of numbers, one-to-one correspondence and ordinals  
 6.A.Kb Count with understanding and recognize “how many” in sets of objects  
 8.A.Kb Recognize, describe, translate, duplicate, create, and extend patterns in various formats

<b>Unit 3</b>	<b>Those Nearest &amp; Dearest</b>
<b>Day 1</b>	Create and name a set of 1
<b>Day 2</b>	Recognize sets of 1 and write the numeral 1
<b>Day 3</b>	Create and name a set of 2
<b>Day 4</b>	Recognize sets of 2 and write the numeral 2
<b>Day 5</b>	Name sets of 1 and 2
<b>Day 6</b>	Create and name a set of 3
<b>Day 7</b>	Recognize a set of 3 and write the numeral 3
<b>Day 8</b>	Create and name a set of 4
<b>Day 9</b>	Recognize a set of 4 and write the numeral 4
<b>Day 10</b>	Review 1-4
<b>Unit 4</b>	<b>Head to Toe</b>
<b>Day 1</b>	Introduce the number 5
<b>Day 2</b>	Create and name a set of 5
<b>Day 3</b>	Number and Dot Set Recognition cards; review numbers 1-5
<b>Day 4</b>	Recognize numbers 1-5; make sets of 1-5; introduce the Ten-Frame
<b>Day 5</b>	Create and name sets of 1-5
<b>Day 6</b>	Copy patterns
<b>Day 7</b>	Copy patterns: sound and visual
<b>Day 8</b>	Extend patterns
<b>Day 9</b>	Create and compare patterns
<b>Day 10</b>	Make and record patterns

Assessment: Use Observation Checklist at the end of each unit.

# SFA Math Curriculum Grade K Math Performance Benchmarks

## November/December

6.A.Ka Use concepts that include number recognition, counting, sequence of numbers, one-to-one correspondence and ordinals  
 6.A.Kb Count with understanding and recognize “how many” in sets of objects  
 9.A.Kb Identify and name basic shapes

<b>Unit 5</b>	<b>Cornucopia</b>
<b>Day 1</b>	Introduce the number 6
<b>Day 2</b>	Create and name a set of 6
<b>Day 3</b>	Create and name a set of 7
<b>Day 4</b>	Review the number 7
<b>Day 5</b>	Create and name a set of 8
<b>Day 6</b>	Create and name a set of 8
<b>Day 7</b>	Review the number 8
<b>Day 8</b>	Review and name sets of 1-8; match Number and Dot cards, 1-8
<b>Day 9</b>	Create and name sets of 1-8
<b>Day 10</b>	Review 1-8
<b>Unit 6</b>	<b>What’s on the Menu?</b>
<b>Day 1</b>	Recognize circles
<b>Day 2</b>	Recognize squares and other rectangles
<b>Day 3</b>	Recognize triangles
<b>Day 4</b>	Review shapes
<b>Day 5</b>	Identify 3-D shapes
<b>Day 6</b>	Create and name a set of 9
<b>Day 7</b>	Write the numeral 9
<b>Day 8</b>	Create and name sets of 10; write the numeral 10
<b>Day 9</b>	Review the number 10
<b>Day 10</b>	Review 1-10

Assessment: Use Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## January

6.A.Kb Count with understanding and recognize “how many” in sets of objects  
7.A.Kd Order, compare and describe objects by size, length, capacity, and weight

<b>Unit 7</b>	<b>Sing A Song – Paint a Picture</b>
<b>Day 1</b>	Recognize numbers 1-10
<b>Day 2</b>	Recognize numbers 1-10
<b>Day 3</b>	Count numbers 1-10
<b>Day 4</b>	Create and name sets of 1-10
<b>Day 5</b>	Name sets of 1-10; write the numerals 1-10
<b>Day 6</b>	Sort objects by size
<b>Day 7</b>	Order objects by length
<b>Day 8</b>	Order objects by height
<b>Day 9</b>	Measure length with nonstandard units
<b>Day 10</b>	Compare measurements
<b>Unit 8</b>	<b>Winter Weatherland</b>
<b>Day 1</b>	Introduce the number 11; write the numeral 11
<b>Day 2</b>	Create and name sets of 11
<b>Day 3</b>	Introduce the number 12; write the numeral 12
<b>Day 4</b>	Create and name sets of 12
<b>Day 5</b>	Create and name sets of 11 and 12
<b>Day 6</b>	Create and name sets of 9-12
<b>Day 7</b>	Create and name sets of 1-12
<b>Day 8</b>	Create and name sets of 1-12
<b>Day 9</b>	Write the numerals for 1-12
<b>Day 10</b>	Review numbers 1-12

Assessment: Use Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## February

6.D.K Make comparisons of quantities  
 7.A.Ka Demonstrate a beginning understanding of measurement using non-standard units  
 7.A.Kb Count with understanding and recognize “how many” in sets of objects  
 7.A.Kd Order, compare and describe objects by size, length, capacity, and weight

<b>Unit 9</b>	<b>Day &amp; Night, Dark &amp; Light</b>
<b>Day 1</b>	Identify a set that is more
<b>Day 2</b>	Identify a set that is less
<b>Day 3</b>	Create sets that are more or less
<b>Day 4</b>	Measure capacity with nonstandard units
<b>Day 5</b>	Estimate and measure capacity
<b>Day 6</b>	Recognize and name a set of 13
<b>Day 7</b>	Create and name the number 13; write the numeral 13
<b>Day 8</b>	Create and name a set of 14
<b>Day 9</b>	Create and name a set of 14; write the numeral 14
<b>Day 10</b>	Review numbers 11-14
<b>Unit 10</b>	<b>Words &amp; Roads Take Us Places</b>
<b>Day 1</b>	Compare and sort objects by weight
<b>Day 2</b>	Order objects by weight
<b>Day 3</b>	Explore the balance scales; compare weight using a balance scale
<b>Day 4</b>	Measure weight with nonstandard units
<b>Day 5</b>	Review numbers 1-14
<b>Day 6</b>	Create and name a set of 15
<b>Day 7</b>	Make a set of 15
<b>Day 8</b>	Review numbers 1-15
<b>Day 9</b>	Review numbers 1-15
<b>Day 10</b>	Write numerals 1-15

Assessment: Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## March

7.A.Kb Count with understanding and recognize “how many” in sets of objects  
 10.A.Ka Represent data using concrete objects, pictures, and graphs  
 10.A.Kc Make reasonable predictions based on information gathered in graph form

<b>Unit 11</b>	<b>Safe &amp; Sound</b>
<b>Day 1</b>	Create sets for 1-15
<b>Day 2</b>	Create sets for 1-15
<b>Day 3</b>	Create sets 1 or 2 more and 1 or 2 less
<b>Day 4</b>	Identify combinations for 1-3
<b>Day 5</b>	Identify combinations for 1-3
<b>Day 6</b>	Identify number combinations for 4
<b>Day 7</b>	Identify number combinations for 5
<b>Day 8</b>	Identify number combinations for 6
<b>Day 9</b>	Review number combinations for 4,5, and 6
<b>Day 10</b>	Review number combinations for 4, 5 and 6
<b>Unit 12</b>	<b>Buggy About Spring</b>
<b>Day 1</b>	Use tally marks to record data
<b>Day 2</b>	Explore probability
<b>Day 3</b>	Record outcomes of a simple probability experiment
<b>Day 4</b>	Make sets of 16-20
<b>Day 5</b>	Identify and make sets of 16-20
<b>Day 6</b>	Separate sets of 2, 3 and 4
<b>Day 7</b>	Separate sets of 5
<b>Day 8</b>	Separate sets of 6
<b>Day 9</b>	Separate sets of 5 and 6
<b>Day 10</b>	Separate sets of 4, 5 and 6

Assessment: Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## April

7.A.Kc Construct a sense of time through participation in daily activities  
 8.C.K Investigate addition and subtraction using concrete objects  
 10.B.K Gather and analyze data about themselves or their environment

<b>Unit 13</b>	<b>City Gardens &amp; Country Farms</b>
<b>Day 1</b>	Identify penny, nickel, and dime
<b>Day 2</b>	Identify penny, nickel, and dime
<b>Day 3</b>	Name the value of a penny and a nickel
<b>Day 4</b>	Name the value of a dime
<b>Day 5</b>	Match coins to money amounts
<b>Day 6</b>	Determine number combinations for 10
<b>Day 7</b>	Separate sets of 10
<b>Day 8</b>	Review addition to and subtraction from 10
<b>Day 9</b>	Solve addition and subtraction stories
<b>Day 10</b>	Review addition and subtraction
<b>Unit 14</b>	<b>Fur &amp; Feathers</b>
<b>Day 1</b>	Identify equal parts of a whole
<b>Day 2</b>	Identify fair shares of a set
<b>Day 3</b>	Identify halves of a whole
<b>Day 4</b>	Identify halves of a whole
<b>Day 5</b>	Identify thirds and fourths of a whole
<b>Day 6</b>	Identify times of day
<b>Day 7</b>	Compare lengths of time
<b>Day 8</b>	Identify parts of a clock
<b>Day 9</b>	Tell time to the hour
<b>Day 10</b>	Tell time to the hour

Assessment: Observation Checklist at the end of each unit

# SFA Math Curriculum Grade K Math Performance Benchmarks

## May

6.A.Ka Use concepts that include number recognition, counting, sequence of numbers, one-to-one correspondence and ordinals  
 6.A.Kb Count with understanding and recognize “how many” in sets of objects  
 6.C.Ka Estimate number of objects in a set

<b>Unit 15</b>	<b>Water Wonders</b>
<b>Day 1</b>	Construct a number line
<b>Day 2</b>	Identify a number before and after on a number line
<b>Day 3</b>	Identify missing numbers on a number line
<b>Day 4</b>	Identify missing numbers on a number line
<b>Day 5</b>	Count on from a specified number on a number line
<b>Day 6</b>	Count on from a specified number on a number line
<b>Day 7</b>	Count back from a specified number on a number line
<b>Day 8</b>	Count back from a specified number on a number line
<b>Day 9</b>	Count on and back on a number line
<b>Day 10</b>	Review missing numbers and counting on and back on a number line
<b>Unit 16</b>	<b>Earth Day Is Every Day</b>
<b>Day 1</b>	Use ordinal numbers to describe position
<b>Day 2</b>	Use ordinal numbers to describe position
<b>Day 3</b>	Use ordinal numbers to describe position
<b>Day 4</b>	Recognize and make sets for 1-10; write numerals 1-10
<b>Day 5</b>	Count larger sets (30-50)
<b>Day 6</b>	Estimate and count quantities
<b>Day 7</b>	Estimate and count quantities
<b>Day 8</b>	Estimate using a partition
<b>Day 9</b>	Estimate and count quantities
<b>Day 10</b>	Review ordinal numbers or practice writing numerals or estimation

Assessment: Observation Checklist at the end of each unit