Preschool Math Scope & Sequence

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<u>Uses Number and Operations</u> <u>Counts 20a</u> *Verbally counts (not always in the correct order) *Verbally counts to 10; counts up to 5 objects accurately, using one number name for each object (6.A.ECf) *Verbally counts to 20; counts 10-20 objects accurately; knows the last number states how many in all; tells what number (1-10) comes next in order by counting *Uses number names while counting to 100; counts 30 objects accurately; tells what number comes before and after a specified number up to 20. (6A.ECg) <u>Quantifies 20b</u> *Demonstrates understanding of the concepts of one, two, and more *Recognizes and names the number of items in a small set (up to 5) instantly; combines and separates up to five objects and describes the parts(6.A.ECa).(6.A.ECb), (6.A.ECc), (6.C.ECa) *Makes sets of 6-10 objects and then describes the parts; identifies	**<u>Uses Number and Operations</u>** <u>Counts 20a</u> *Verbally counts (not always in the correct order) *Verbally counts to 10; counts up to 5 objects accurately, using one number name for each object (6.A.ECf) *Verbally counts to 20; counts 10-20 objects accurately; knows the last number states how many in all; tells what number (1-10) comes next in order by counting *Uses number names while counting to 100; counts 30 objects accurately; tells what number comes before and after a specified number up to 20. (6A.ECg) <u>Quantifies 20b</u> *Demonstrates understanding of the concepts of one, two, and more *Recognizes and names the number of items in a small set (up to 5) instantly; combines and separates up to five objects and describes the parts(6.A.ECa).(6.A.ECb), (6.A.ECc), (6.C.ECa) *Makes sets of 6-10 objects and then describes the parts; identifies	**<u>Uses Number and Operations</u>** <u>Counts 20a</u> *Verbally counts (not always in the correct order) *Verbally counts to 10; counts up to 5 objects accurately, using one number name for each object (6.A.ECf) *Verbally counts to 20; counts 10-20 objects accurately; knows the last number states how many in all; tells what number (1-10) comes next in order by counting *Uses number names while counting to 100; counts 30 objects accurately; tells what number comes before and after a specified number up to 20. (6A.ECg) <u>Quantifies 20b</u> *Demonstrates understanding of the concepts of one, two, and more *Recognizes and names the number of items in a small set (up to 5) instantly; combines and separates up to five objects and describes the parts(6.A.ECa).(6.A.ECb), (6.A.ECc), (6.C.ECa) *Makes sets of 6-10 objects and then describes the parts; identifies	**<u>Uses Number and Operations</u>** <u>Counts 20a</u> *Verbally counts (not always in the correct order) *Verbally counts to 10; counts up to 5 objects accurately, using one number name for each object (6.A.ECf) *Verbally counts to 20; counts 10-20 objects accurately; knows the last number states how many in all; tells what number (1-10) comes next in order by counting *Uses number names while counting to 100; counts 30 objects accurately; tells what number comes before and after a specified number up to 20. (6A.ECg) <u>Quantifies 20b</u> *Demonstrates understanding of the concepts of one, two, and more *Recognizes and names the number of items in a small set (up to 5) instantly; combines and separates up to five objects and describes the parts(6.A.ECa).(6.A.ECb), (6.A.ECc), (6.C.ECa) *Makes sets of 6-10 objects and then describes the parts; identifies

which part has more, less, or the same (equal); counts all or counts on to find out how many (6.B.ECa), (6.B.ECb), (6.B.ECd), (6.B.ECe), (6.D.ECa), (6.D.ECb) *Uses a variety of strategies (counting objects or fingers, counting on, or counting back) to solve problems with more than 10 objects (6.B.ECc) <u>Connects numerals with their quantities. 20c</u> *Recognizes and names a few numerals *Identifies numerals to 5 by name and connects each to counted objects (6.A.ACd), *Identifies numerals to 10 by name and connects each to counted objects *Identifies numerals to 20 by name and connects each to counted objects	which part has more, less, or the same (equal); counts all or counts on to find out how many (6.B.ECa), (6.B.ECb), (6.B.ECd), (6.B.ECe), (6.D.ECa), (6.D.ECb) *Uses a variety of strategies (counting objects or fingers, counting on, or counting back) to solve problems with more than 10 objects (6.B.ECc) <u>Connects numerals with their quantities. 20c</u> *Recognizes and names a few numerals *Identifies numerals to 5 by name and connects each to counted objects (6.A.ACd), *Identifies numerals to 10 by name and connects each to counted objects *Identifies numerals to 20 by name and connects each to counted objects	which part has more, less, or the same (equal); counts all or counts on to find out how many (6.B.ECa), (6.B.ECb), (6.B.ECd), (6.B.ECe), (6.D.ECa), (6.D.ECb) *Uses a variety of strategies (counting objects or fingers, counting on, or counting back) to solve problems with more than 10 objects (6.B.ECc) <u>Connects numerals with their quantities. 20c</u> *Recognizes and names a few numerals *Identifies numerals to 5 by name and connects each to counted objects (6.A.ACd), *Identifies numerals to 10 by name and connects each to counted objects *Identifies numerals to 20 by name and connects each to counted objects	which part has more, less, or the same (equal); counts all or counts on to find out how many (6.B.ECa), (6.B.ECb), (6.B.ECd), (6.B.ECe), (6.D.ECa), (6.D.ECb) *Uses a variety of strategies (counting objects or fingers, counting on, or counting back) to solve problems with more than 10 objects (6.B.ECc) <u>Connects numerals with their quantities. 20c</u> *Recognizes and names a few numerals *Identifies numerals to 5 by name and connects each to counted objects (6.A.ACd), *Identifies numerals to 10 by name and connects each to counted objects *Identifies numerals to 20 by name and connects each to counted objects
<u>Explores and describes spatial relationships and shapes</u> <u>Understands spatial relationships 21a</u> *Follows simple directions related to position (in, on, under, up, down)	**<u>Explores and describes spatial relationships and shapes</u>** <u>Understands spatial relationships 21a</u> *Follows simple directions related to position (in, on, under, up, down)	**<u>Explores and describes spatial relationships and shapes</u>** <u>Understands spatial relationships 21a</u> *Follows simple directions related to position (in, on, under, up, down)	**<u>Explores and describes spatial relationships and shapes</u>** <u>Understands spatial relationships 21a</u> *Follows simple directions related to position (in, on, under, up, down)

*Follows simple directions related to proximity (beside, between, next to) *Uses and responds appropriately to positional words indicating location, direction, and distance *Uses and makes simple sketches, models, or pictorial maps to locate objects. Understands shapes 21b *Matches two different shapes *Identifies a few basic shapes (circle, square, triangle) *Describes basic two-and three-dimensional shapes by using own words; recognizes basic shapes when they are presented in a new orientation (9.A.ECa), (9.A.ECc), (9.A.ECe), (9.B.ECa), (9.B.ECb) *Shows that shapes remain the same when they are turned, flipped, or slid; breaks apart or combines shapes to create different shapes and sizes (9.A.ECd)	*Follows simple directions related to proximity (beside, between, next to) *Uses and responds appropriately to positional words indicating location, direction, and distance *Uses and makes simple sketches, models, or pictorial maps to locate objects. Understands shapes 21b *Matches two different shapes *Identifies a few basic shapes (circle, square, triangle) *Describes basic two-and three-dimensional shapes by using own words; recognizes basic shapes when they are presented in a new orientation (9.A.ECa), (9.A.ECc), (9.A.ECe), (9.B.ECa), (9.B.ECb) *Shows that shapes remain the same when they are turned, flipped, or slid; breaks apart or combines shapes to create different shapes and sizes (9.A.ECd)	*Follows simple directions related to proximity (beside, between, next to) *Uses and responds appropriately to positional words indicating location, direction, and distance *Uses and makes simple sketches, models, or pictorial maps to locate objects. Understands shapes 21b *Matches two different shapes *Identifies a few basic shapes (circle, square, triangle) *Describes basic two-and three-dimensional shapes by using own words; recognizes basic shapes when they are presented in a new orientation (9.A.ECa), (9.A.ECc), (9.A.ECe), (9.B.ECa), (9.B.ECb) *Shows that shapes remain the same when they are turned, flipped, or slid; breaks apart or combines shapes to create different shapes and sizes (9.A.ECd)	*Follows simple directions related to proximity (beside, between, next to) *Uses and responds appropriately to positional words indicating location, direction, and distance *Uses and makes simple sketches, models, or pictorial maps to locate objects. Understands shapes 21b *Matches two different shapes *Identifies a few basic shapes (circle, square, triangle) *Describes basic two-and three-dimensional shapes by using own words; recognizes basic shapes when they are presented in a new orientation (9.A.ECa), (9.A.ECc), (9.A.ECe), (9.B.ECa), (9.B.ECb) *Shows that shapes remain the same when they are turned, flipped, or slid; breaks apart or combines shapes to create different shapes and sizes (9.A.ECd)
Compares and Measures 22 *Makes simple comparison between two objects *Compares and orders a small set of objects as appropriate according to size, length, weight, area, or volume; knows usually sequence of basic daily events and a few ordinal numbers (7.A.ECa), (7.A.ECe), (7.A.ECd), (8.A.ECa)	**Compares and Measures 22** *Makes simple comparison between two objects *Compares and orders a small set of objects as appropriate according to size, length, weight, area, or volume; knows usually sequence of basic daily events and a few ordinal numbers (7.A.ECa), (7.A.ECe), (7.A.ECd), (8.A.ECa)	**Compares and Measures 22** *Makes simple comparison between two objects *Compares and orders a small set of objects as appropriate according to size, length, weight, area, or volume; knows usually sequence of basic daily events and a few ordinal numbers (7.A.ECa), (7.A.ECe), (7.A.ECd), (8.A.ECa)	**Compares and Measures 22** *Makes simple comparison between two objects *Compares and orders a small set of objects as appropriate according to size, length, weight, area, or volume; knows usually sequence of basic daily events and a few ordinal numbers (7.A.ECa), (7.A.ECe), (7.A.ECd), (8.A.ECa)

*Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools (7.A.ECb), (7.B.ECa), (7.C.ECa), (7.C.ECb) *Uses measurement words and some standard measurement tools accurately; uses ordinal numbers from *first* to *tenth*	*Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools (7.A.ECb), (7.B.ECa), (7.C.ECa), (7.C.ECb) *Uses measurement words and some standard measurement tools accurately; uses ordinal numbers from *first* to *tenth*	*Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools (7.A.ECb), (7.B.ECa), (7.C.ECa), (7.C.ECb) *Uses measurement words and some standard measurement tools accurately; uses ordinal numbers from *first* to *tenth*	*Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools (7.A.ECb), (7.B.ECa), (7.C.ECa), (7.C.ECb) *Uses measurement words and some standard measurement tools accurately; uses ordinal numbers from *first* to *tenth*
Demonstrates knowledge of patterns 23 *Shows interest in simple patterns in everyday life *Copies simple repeating patterns (8.B.ECa) *Extends and creates simple repeating patterns (8.A.ECb) *Recognizes, creates, and explains more complex repeating and simple growing patterns	**Demonstrates knowledge of patterns 23** *Shows interest in simple patterns in everyday life *Copies simple repeating patterns (8.B.ECa) *Extends and creates simple repeating patterns (8.A.ECb) *Recognizes, creates, and explains more complex repeating and simple growing patterns	**Demonstrates knowledge of patterns 23** *Shows interest in simple patterns in everyday life *Copies simple repeating patterns (8.B.ECa) *Extends and creates simple repeating patterns (8.A.ECb) *Recognizes, creates, and explains more complex repeating and simple growing patterns	**Demonstrates knowledge of patterns 23** *Shows interest in simple patterns in everyday life *Copies simple repeating patterns (8.B.ECa) *Extends and creates simple repeating patterns (8.A.ECb) *Recognizes, creates, and explains more complex repeating and simple growing patterns