



BLUE VALLEY DISTRICT CURRICULUM

Early Childhood Math



Organizing Theme/Topic	Focus Standards and Skills
1st Quarter	1st Quarter
<p>Theme 1 – All About Me</p> <p>Theme 2 – Construction</p> <p>Theme 3 – Fall</p>	<p>Counting and Cardinality</p> <p>Pre-3 Standards: M.CC.p3.1, M.CC.p3.3, M.CC.p3.4 Skills</p> <ul style="list-style-type: none"> • Counts to 3 • One to one correspondence <p>Pre-4 Standards: M.CC.p4.1, M.CC.p4.4a, M.CC.p4, M.CC.p4b2 Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 10 • One to one correspondence • Answers the question “how many”
	<p>Operations and Algebraic Thinking</p> <p>Pre-3 Standards M.OA.p3.1, M.OA.p3.2 Skills</p> <ul style="list-style-type: none"> • Understands I have more or I have less (practical situations) • Copies and anticipates a repeating pattern (e.g., songs, rhymes etc.)

	<p>Pre-4 Standards M.OA.p4 Skills</p> <ul style="list-style-type: none"> • Understands adding and subtracting by using objects
	<p>Measurement and Data Pre-3 Standards: M.MD.p3.1, M.MD.p3.2 Skills</p> <ul style="list-style-type: none"> • Uses and compares attribute words (e.g., big, heavy, empty) • Sorts and classifies objects <p>Pre-4 Standards: M.MD.p4.1, M.MD.p4.2, M.MD.p4.3, M.MD.p4.4 Skills</p> <ul style="list-style-type: none"> • Compares and contrasts using measurement • Sorts and counts objects • Understands same/equal, more and less • Answers simple questions about categories
	<p>Geometry Pre-3 Standards: M.G.p3.1, M.G.p3.2 Skills</p> <p><i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (under, in, out) • Matches and names shapes of various sizes and orientations

	<p>Pre-4 Standards: M.G.p4.1, M.G.p4.2, M.G.p4.4, M.G.p4.5 Skills <i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., above, below, beside, in front, behind and next to) • Names shapes of various sizes and orientations • Compares two-dimensional shapes using size words (small, medium, large etc.) • Builds using simple shapes to create while drawing or playing • Puts together simple shapes to make pictures and outline puzzles
2nd Quarter	2nd Quarter
<p>Theme 3 – Fall Theme 4 – Food Theme 5 – Traditional Tales</p>	<p>Counting and Cardinality Standards Pre-3 M.CC.p3.1, M.CC.p3.3, M.CC.p3.4, M.CC.p3.5 Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 5 • One to one correspondence • Verbally expresses the number that correlates with a group of object (e.g., saying two for a group of two objects, in groups up to 5) <p>Pre-4 Standards M.CC.p4.1, M.CC.p4, M.CC.p4.4, M.CC.p4.4a, M.CC.p4.4b1, M.CC.p4.4b2, M.CC.p4.4c, M.CC.p4.5, M.CC.p4 Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 15 • One to one correspondence • Identifies the number of objects counted • Matches the written numeral 0-5 to a group of objects • Understands that numbers get bigger by 1 (1more) • Can tell how many in a variety of configurations • Uses matching and counting strategies to compare groups greater than, less than, or equal to another group (up to 10)

Operations and Algebraic Thinking**Pre-3****Standards****M.OA.p3.1, M.OA.p3.2****Skills**

- Understands I have more or I have less (practical situations)
- Uses objects to copy simple patterns

Pre-4**Standards****M.OA.p4.1****Skills**

- Understands adding and subtracting by using objects

Measurement and Data**Pre-3****Standards****M.MD.p3.1, M.MD.p3.2****Skills**

- Uses and compares attribute words (e.g., big, heavy, empty)
- Sorts and classifies objects

Pre-4**Standards****M.MD.p4.1, M.MD.p4.2, M.MD.p4.3, M.MD.p4.4****Skills**

- Compares and contrasts using measurement
- Sorts and counts objects
- Understands same/equal, more/less
- Answers simple questions about categories

	<p>Geometry Pre-3 Standards M.G.p3.1, M.G.p3.2 Skills <i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., under, in, out) • Matches and names shapes of various sizes and orientations <p>Pre-4 M.G.p4.1, M.G.p4.2, M.G.p4.3, M.G.p4.4, M.G.p4.5 Skills <i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., above, below, beside, in front, behind and next to) • Names shapes of various sizes and orientations • Compares two-dimensional shapes using size words (e.g., small, medium, large etc.) • Builds using simple shapes to create while drawing or playing • Puts together simple shapes to make picture and outline puzzles
3rd Quarter	
<ul style="list-style-type: none"> • Theme 6 – Winter • Theme7 – Community Workers • Theme 8 - Transportation 	<p>Counting and Cardinality Pre-3 Standards M.CC.p3.1, M.CC.p3.2, M.CC.p3.5, M.CC.p3.6 Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 10 • Verbally matches the number word to a group of objects • Identifies numerals 0-3 • Matches and counts to compare groups using more or less

	<p>Pre-4 Standards M.CC.p4.1, M.CC.p4.2, M.CC.p4.3, M.CC.p4.4, M.CC.p4.4b1, M.CC.p4.4b2, M.CC.p4.4c, M.CC.p4.5, M.CC.p4.6</p> <p>Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 20 • Identifies the number of object counted • One-to-one correspondence • Matches the written numeral 0-10 to a group of objects • Counts forward from a given number under ten (teacher states 4 and child counts from 5-10) • Understands that numbers get bigger by 1 (one number more) • Can tell how many in a variety of configurations • Using matching and counting strategies to compare groups greater than, less than, or equal to another
	<p>Operations and Algebraic Thinking</p> <p>Pre-3 Standards M.OA.p3.1, M.OA.p3.2</p> <p>Skills</p> <ul style="list-style-type: none"> • Understands I have more or I have less (practical situations) • Uses objects to copy simple patterns <p>Pre-4 Standards M.OA.p4.1, M.OA.p4.2, M.OA.p4.3</p> <p>Skills</p> <ul style="list-style-type: none"> • Understands adding and subtracting by using objects • Puts together and breaks down groups of objects no more than 5 • Identifies patterns using numbers <p>Measurement and Data</p> <p>Pre-3 Standards M.MD.p3.1, M.MD.p3.2</p> <p>Skills</p> <ul style="list-style-type: none"> • Uses and compares attribute words (e.g., big, heavy, empty) • Sorts and classifies objects

	<p>Pre-4 Standards M.MD.p4.1, M.MD.p4.2, M.MD.p4.3, M.MD.p4.4 Skills</p> <ul style="list-style-type: none"> • Compares and contrasts using measurement • Sorts and counts objects • Understands same/equal, more and less • Answers simple questions about categories
	<p>Geometry Pre-3 Standards M.G.p3.1, M.G.p3.2 Skills <i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., under, in, out) • Matches and names shapes of various sizes and orientations <p>Pre-4 Standards M.G.p4.1, M.G.p4.2, M.G.p4.3, M.G.p4.4, M.G.p4.5 Skills <i>–Square, Circle, Triangle and Rectangles, Cube, Cone, Cylinder, Sphere</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., above, below, beside, in front, behind and next to) • Names shapes of various sizes and orientations • Compares two-dimensional and three- dimensional shapes using similarities and different attributes • Uses simple shapes to create a drawing or during play • Puts together shapes to make picture and outline puzzles

4 th Quarter	4 th Quarter
<p>Theme 8 – Transportation</p> <p>Theme 9 – Spring</p> <p>Theme 10 - Outdoors</p>	<p>Counting and Cardinality</p> <p>Pre-3</p> <p>Standards</p> <p>M.CC.p3.1, M.CC.p3.2, M.CC.p3.5, M.CC.p3.6, M.CC.p3.7</p> <p>Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 10 • Verbally matches the number word to a group of objects • Identifies numerals 0-5 • Matches and counts to compare groups using more or less • Creates similar equal groups up to 3 items <p>Pre-4</p> <p>Standards</p> <p>M.CC.p4.1, M.CC.p4.2, M.CC.p4.3, M.CC.p4.4, M.CC.p4.4b1, M.CC.p4.4b2, M.CC.p4.4c, M.CC.p4.5, M.CC.p4, M.CC.p4. M.CC.p4.8</p> <p>Skills</p> <ul style="list-style-type: none"> • Counts in sequence to 30 • Identifies the number of objects counted • One-to-one correspondence • Matches the written numeral 0-12 to a group of objects • Counts forward from a given number under ten (e.g., 3, 4...) • Understands that numbers get bigger by 1 (1 more) • Can tell how many in a variety of configurations • Uses matching and counting strategies to compare groups greater than, less than, or equal to another group (up to 10) • Instantly recognizes collection of number up to 5 • Compares two numbers up to five using more or less
	<p>Operations and Algebraic Thinking</p> <p>Pre-3</p> <p>Standards</p> <p>M.OA.p3.1, M.OA.p3.2</p> <ul style="list-style-type: none"> • Understands I have more or I have less (practical situations) • Uses objects to copy simple patterns

<p>Pre-4 Standards M.OA.p4.1 Skills</p> <ul style="list-style-type: none"> • Understands I have more or I have less (practical situations) • Uses objects to copy simple patterns
<p>Measurement and Data</p> <p>Pre-3 Standards M.MD.p3.1, M.MD.p3.2 Skills</p> <ul style="list-style-type: none"> • Uses and compares attribute words (e.g., big, heavy, empty) • Sorts and classifies objects <p>Pre-4 Standards M.MD.p4.1, M.MD.p4.2, M.MD.p4.3, M.MD.p4.4 Skills</p> <ul style="list-style-type: none"> • Compares and contrasts using measurement • Sorts and counts objects • Understands same/equal, more/less • Answers simple questions about categories
<p>Geometry</p> <p>Pre-3 Standards M.G.p3.1, M.G.p3.2, M.G.p3.3, M.G.p3.4 Skills</p> <p><i>Square, Circle, Triangle and Rectangles</i></p> <ul style="list-style-type: none"> • Demonstrates understanding of position words (e.g., under, in, out) • Matches and names shapes of various sizes and orientations • Uses language to describe and compare shapes • Manipulates shapes (tangrams)

Pre-4**Standards****M.G.p4.1, M.G.p4.2, M.G.p4.3, M.G.p4.4, M.G.p4.5****Skills***Square, Circle, Triangle and Rectangles, Cube, Cone, Cylinder, Sphere*

- Demonstrates understanding of position words (e.g., above, below, beside, in front, behind and next to)
- Names shapes of various sizes and orientations
- Compares two-dimensional and three-dimensional shapes using similarities and different attributes
- Builds using simple shapes to create while drawing or playing
- Puts together shapes to make picture and outline puzzles