

# Essential Standards & Pacing Guide

## Math \* Grade: Kindergarten

### Essential Standards (Report Card)

#### Counting and Cardinality

**K.CC.2** Counts from a given number within the known sequence

**K.CC. 3** Writes numbers 0-20 in a sequence; Represents number of objects with a written numeral 0-20

**K.CC. 5** Counts objects correctly (one-to-one correspondence 0-20)

**K.CC.6** Identifies greater than, less than, and equal to

#### Operations and Algebraic Thinking

**K.OA.1** Completes single digit addition problems

**K.OA.1** Completes single digit subtraction problems

#### Geometry

**K.G.4** Describes similarities/differences - 2D and 3D shapes

#### Measurement and Data

**K.MD.3** Sorts and classifies objects into groups

### Hinge Standards (Michele Douglass)

#### Counting and Cardinality

**K.CC.2** Counts from a given number within the known sequence

**K.CC. 4** Relationship between number and quantity; connect counting and cardinality

**K.CC. 5** Counts objects correctly (one-to-one correspondence 0-20)

**K.CC. 6** Identifies greater than, less than, and equal to

#### Operations and Algebraic Thinking

**K.OA.2** Solve +/- word problems and add and subtract within 10

**K.OA.3** Compose numbers up to 10 into pairs in more than one way

**K.OA.5** Fluently +/- within 5

#### Numbers and Base Ten

**K.NBT.1** Compose and decompose numbers 11-19 into tens and some ones

## Trimester Assessment Guide

Trimester	Trimester Ends	Suggested Assessment Week	Report Card Goes Home
1	November 6	November 9 - 13	December 4
2	March 5	February 16 - 19	March 12 (parent conferences March 10 - 12)
3	June 4	May 17 - 21	June 4

## Pacing Guide

Week	Unit (Expressions)	Big Idea	Essential Standards	Activities	Suggested Formative Assessments
Week 1		<b>Math Routines and Explorations</b>		Establish classroom expectations and protocol, introduce math counting routines, manipulatives, Expressions quick practice routines	Identify numbers 1 - 10 Identify shapes, Count orally and count objects with 1:1 correspondence
Week 2 & 3	<b>UNIT 1: Understanding Numbers 1 - 10</b>	<b>Big Idea 1: Counting and Cardinality</b>	K.CC.4.a K.CC.4.b	<ul style="list-style-type: none"> <li>Expressions Lessons 1.1-1.6</li> <li>Michele Douglass Activities</li> <li>Math Their Way Activities</li> </ul>	

<p><b>Week 4 &amp; 5</b></p>		<p><b>Big Idea 2: Adding, Subtracting, and Comparing Through 5</b> (Also 2D shapes: circles, squares, rectangles)</p>	<p>K.CC.2 K.CC.4.a and b K.CC.6 K.OA.1 K.MD.3 K.G.4</p>	<ul style="list-style-type: none"> <li>● Expressions Lessons 1.7-1.10</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
<p><b>Week 6</b></p>		<p><b>Big Idea 3: Show Numbers 1 Through 10</b> (Also write numbers 1 - 4)</p>	<p>K.CC.3 K.CC.4.a and b K.CC.5 K.CC.6 K.OA.1 K.OA.2</p>	<ul style="list-style-type: none"> <li>● Expressions Lessons 1.11-1.14</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
<p><b>Week 7</b></p>		<p><b>Big Idea 4: Practice Numbers 1 Through 10</b> (Also write numbers 1 - 5)</p>	<p>K.CC.3 K.CC.4.a and b K.CC.5 K.CC.6</p>	<ul style="list-style-type: none"> <li>● Expressions Lessons 1.15 - 1.18</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<p><b>Unit 1 Review and Test</b></p>
<p><b>Week 8 &amp; 9</b></p>	<p><b>UNIT 2 5 Groups in Numbers 6-10</b></p>	<p><b>Big Idea 1: Using 5-Groups</b> (Also write numbers 1 - 6)</p>	<p>K.CC.3 K.CC.4.a and b K.CC.5 K.OA.1, 2, 3, 5</p>	<ul style="list-style-type: none"> <li>● Expressions Lessons 2.1-2.6</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
<p><b>Week 10</b></p>		<p><b>Big Idea 2: Addition and Subtraction Stories</b> (Also write numbers 6 - 8)</p>	<p>K.CC.2 K.CC.3 K.CC.4.a and b K.CC.5 K.CC.6 K.OA.1, 2, 3, 5</p>	<ul style="list-style-type: none"> <li>● Expressions Lessons 2.6 - 2.10</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	

Week 11 &12		<b>Big Idea 3: Practice Numbers 1 Through 10, the +1 Pattern</b> (Also write numbers 9 -10 and 2D shape:triangles)	K.CC.2 K.CC.3 K.CC.4.a, b and c K.CC.5 K.OA.1, 2, 3, 5 K.MD.3	<ul style="list-style-type: none"> <li>● Expressions Lessons 2.11-2.15</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>ESGI Trimester 1 Assessments (Week of:11/9-11/13)</b>
Week 13 &14		<b>Big Idea 4: Numbers 1 Through 10, the -1 Pattern</b> (Also, write numbers 1-10 and 2D shape:hexagons)	K.CC.2 K.CC.3 K.CC.4.a and c K.CC.5 K.OA.1, 2, 3 K.MD.3 K.G.4	<ul style="list-style-type: none"> <li>● Expressions Lessons 2.16-2.20</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>Unit 2 Review and Test</b>
Week 15 & 16	<b>UNIT 3 Teen Numbers as Tens and Ones</b>	<b>Big Idea 1: Partners of 5 and 6</b> (Also write numbers 11 - 16)	K.CC.2 K.CC.3 K.CC.4.a, b and c K.CC.5 K.OA.1, 2, 3, 5 K.NBT.1	<ul style="list-style-type: none"> <li>● Expressions Lessons 3.1-3.9</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
Week 17		<b>Big Idea 2: Classifying</b>	K.CC.2 K.CC.3 K.CC.4.b and c K.CC.5 K.CC.6 K.OA.1, 2, 5 K.MD.3	<ul style="list-style-type: none"> <li>● Expressions Lessons 3.10-3.12</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
Week 18 & 19		<b>Big Idea 3: Tens in Teen</b>	K.CC.3 K.CC.4.c K.CC.5	<ul style="list-style-type: none"> <li>● Expressions Lessons 3.13-3.17</li> </ul>	

		<b>Numbers</b>	K.CC.7 K.OA.1, 2, 3, 5 K.NBT.1	<ul style="list-style-type: none"> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	
<b>Week 20</b>		<b>Big Idea 4: Build Teen Numbers</b> (Also write numbers 17 - 20)	K.CC.3 K.CC.4.b K.CC.5 K.OA 1, 3 and 5 K.NBT.1 K.MD.3 K.G.4	<ul style="list-style-type: none"> <li>● Expressions Lessons 3.18-3.17</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>Unit 3 Review and Test</b>
<b>Week 21 &amp; 22</b>	<b>UNIT 4 Partners, Problem Drawings and Tens</b>	<b>Big Idea 1: Story Problems and Equations</b>	K.CC.3 K.CC.4.a, b and c K.CC.5 K.OA.1, 2, 3, 5 K.NBT.1 K.MD.3	<ul style="list-style-type: none"> <li>● Expressions Lessons 4.1 - 4.4</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>ESGI Trimester 2 Assessment</b> (Week of: 2/16-2/19)  <b>Fluency Check for Big Idea 1</b> (See Assessment Guide)
<b>Week 23 &amp; 24</b>		<b>Big Idea 2: Practice with Comparing</b>	K.CC.3 K.CC.4c K.CC.5 K.CC.6 K.OA 1, 2, 3 K.NBT.1	<ul style="list-style-type: none"> <li>● Expressions Lessons 4.5 - 4.8</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 2</b>
<b>Week 25 &amp; 26</b>		<b>Big Idea 3: Equations and Teen Numbers</b> (Also 3D shapes attributes and cubes)	K.CC.2 K.CC.3 K.CC.4.a, b and c K.CC.6 K.OA 1, 2, 3, 5 K.NBT.1 K.MD.3 K.G.4	<ul style="list-style-type: none"> <li>● Expressions Lessons 4.9 - 4.15</li> <li>● Michele Douglass Activities</li> <li>● Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 3</b>

<b>Week 27</b> <b>Week 28</b>		<b>Big Idea 4: Equations for Partners</b> (Also 3D shapes: cones, cylinders)	K.CC.3 K.CC.4.a and b K.CC.5 K.CC.6 K.OA.1, 2, 3, 5 K.NBT.1 K.MD.3 K.G.4	<ul style="list-style-type: none"> <li>• Expressions Lessons 4.16 - 4.22</li> <li>• Michele Douglass Activities</li> <li>• Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 4</b>  <b>Unit 4 Review and Test</b>
<b>Week 29</b>	<b>UNIT 5: Consolidation of Concepts</b>	<b>Big Idea 1: More Partners of Ten</b>	K.CC.3 K.CC.4.a K.CC.5 K.OA.1, 2, 3, 5 K.NBT.1	<ul style="list-style-type: none"> <li>• Expressions Lessons 5.1 - 5.4</li> <li>• Michele Douglass Activities</li> <li>• Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 1</b> (See Assessment Guide)
<b>Week 30</b>		<b>Big Idea 2: Numbers 1 Through 20</b>	K.CC.3 K.CC.4.c K.CC.5 K.OA.1, 2, 3, 5 K.NBT.1	<ul style="list-style-type: none"> <li>• Expressions Lessons 5.5 - 5.7</li> <li>• Michele Douglass Activities</li> <li>• Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 2</b>
<b>Week 31 &amp; 32</b>		<b>Big Idea 3: More Teen Numbers and Partners</b>	K.CC.2 K.CC.3 K.CC.4.c K.CC.5 K.CC.6 K.OA.1, 2, 3, 5 K.NBT.1	<ul style="list-style-type: none"> <li>• Expressions Lessons 5.8 - 5.14</li> <li>• Michele Douglass Activities</li> <li>• Math Their Way Activities</li> </ul>	<b>ESGI Trimester 3 Assessment</b> (Week of: 5/17-5/21)  <b>Fluency Check for Big Idea 3</b>
<b>Week 33 &amp; 34</b>		<b>Big Idea 4: More Story Problems and Equations</b>	K.CC.3 K.CC.4.c K.CC.5 K.CC.6 K.OA.1, 2, 3, 5 K.NBT.1 K.MD.2	<ul style="list-style-type: none"> <li>• Expressions Lessons 5.15 - 5.23</li> <li>• Michele Douglass Activities</li> <li>• Math Their Way Activities</li> </ul>	<b>Fluency Check for Big Idea 4</b>  <b>Unit 5 Review and Test</b>

<b>Week 35</b>					
<b>Week 36</b>					