Illustrative Mathematics: Kindergarten Grade Pacing Guide
Major Supporting Additional

*Total of 159 instructional days including the optional lessons. .

Unit 1- Math in Our World (20 Days)

Date		Lesson	Standards
___/___/___	Section A: Exploring Our Tools	L1: Exploring Connecting Cubes	K.CC.B, K.G.B, K.MD.B.3
___/___/___		L2: Exploring Pattern Blocks	K.CC.B, K.G.B, K.MD.B.3
___/___/___		L3: Exploring Counters and 5-Frames	K.CC.B, K.MD.B.3
___/___/___		L4: Exploring Geoblocks	K.G.B
___/___/___		L5: Exploring Math Tools	K.G.B
___/___/___		Section A- Checkpoint Assessment	K.CC.B, K.G.B.4
___/___/___	Section B: Recognizing Quantities	L6: Look for Small Groups	K.CC.B, K.G.B.4
___/___/___		L7: Classroom Scavenger Hunt	K.CC.B.4, K.MD.B.3
		L8: Different Groups, Same Quantity	K.CC.B.4, K.CC.C.6
___/___/___		L9: Picture Book Creation	K.CC.B.4
___/___/___		Section B- Checkpoint Assessment	K.CC.B.4, K.MD.B.3
___/___/___	Section C: Are There Enough?	L10: Are There Enough?	K.CC.B.4, K.CC.C.6
___/___/___		L11: Get Enough	K.CC.B.4, K.CC.C.6
___/___/___		Section C- Checkpoint Assessment	K.CC.B.4, K.G
___/___/___	Section D: Counting Collections	L12: How Many Are There? (Part 1)	K.CC.A.1, K.CC.B.4, K.G.B
___/___/___		L13: How Many Are There? (Part 2)	K.CC.A.1, K.CC.B.4,
___/___/___		L14: Answer "How Many" Questions	K.CC.A.1, K.CC.B.4, K.G.B
		L15: Explain How You Counted	K.CC.A.1, K.CC.B
___/___/___		L16: Represent Our Collections	K.CC.A.1, K.CC.B.4

Date		Lesson	Standards
___/___/___		L17: Connecting Cube Sculptures *Optional Lesson*	K.CC.B.5, K.CC.C.6
___/___/___		*Section D- Checkpoint Assessment*	K.CC.A.1, K.CC.B.4, K.G
___/___/___		**End-Unit Assessment**	

Unit 2 – Numbers 1-10 (25 Days)

Date		Lesson	Standards
___/___/___	Section A: Count and Compare Groups of Objects	L1: Fingers as a Math Tool	K.CC.A.1
___/___/___		L2: Count and Arrange	K.CC.A.1, K.CC.B.4, K.CC.B.5
___/___/___		L3: Groups that Look Very Different	K.CC.A.1, K.CC.A.3, K.CC.B.5, K.CC.C.6
___/___/___		L4: Groups that Look Alike	K.CC.C.6
___/___/___		L5: Make Groups of More, Fewer, or the Same	K.CC.C.6
___/___/___		L6: Use More, Fewer, or the Same to Describe Groups	K.CC.C.6
___/___/___		*Section A- Checkpoint Assessment*	K.CC.A.1, K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C.6
___/___/___	Section B: Count and Compare Groups of Images	L7: Count Images in Different Arrangements	K.CC.B.4, K.CC.B.5
___/___/___		L8: Comparing Matching Images	K.CC.B.5, K.CC.C.6
___/___/___		L9: More, Fewer, or the Same	K.CC.B.5, K.CC.C.6
___/___/___		L10: Find More or Fewer	K.CC.B.5, K.CC.C.6
___/___/___		L11: Create Groups of Images	K.CC.B.5, K.CC.C.6
___/___/___		*Section B- Checkpoint Assessment*	K.CC.A.3, K.CC.B.5, K.CC.C.6

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Date	Section	Lesson	Standards
___/___/___	Section C: Connect Quantities and Numbers	L12: Connect Quantities and Numbers	K.CC.A.3, K.CC.B.4, K.CC.B.5
___/___/___		L13: Numbers in Many Ways	K.CC.B.5
___/___/___		L14: Count Out Objects	K.CC.B.5, K.CC.C.6
___/___/___		L15: Draw Groups of Things	K.CC.B.5
___/___/___		L16: Write Numbers to Represent Quantities *Optional Lesson*	K.CC.A.3, K.CC.B.5
___/___/___		*Section C- Checkpoint Assessment*	K.CC.A.1, K.CC.A.3, K.CC.B.5, K.CC.C.6
___/___/___	Section D: Compare Numbers	L17: Order Towers and Numbers	K.CC.B.4, K.CC.C.6
___/___/___		L18: 1 More or 1 Less with Towers and Numbers	K.CC.B.4, K.CC.C.6
___/___/___		L19: Compare Numbers and Images	K.CC.B.4, K.CC.C.6, K.CC.C.7
___/___/___		L20: Represent and Compare Numbers	K.CC.A.3, K.CC.B.5, K.CC.C.6, K.CC.C.7
___/___/___		L21: Compare Numbers	K.CC.A.3, K.CC.C.6, K.CC.C.7
___/___/___		L22: The Pizzeria	K.CC.A.3, K.CC.B.5, K.CC.C.6, K.CC.C.7
___/___/___		*Section D- Checkpoint Assessment*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C.6, K.CC.C.7
___/___/___	End-Unit Assessment		

Unit 3 – Flat Shapes All Around Us (17 Days)

Date		Lesson	Standards
___/___/___		L1: What We Know About Shapes	K.G.B.4
___/___/___	Section A: Exploring Shapes in Our Environment	L2: Match Shapes	K.G.A.1, K.G.A.2
___/___/___		L3: Describe and Compare Shapes	K.G.B.4
___/___/___		L4: Describe, Compare, and Sort Shapes	K.CC.A.1, K.G.A.1, K.G.B.4, K.MD.B3.

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Date		Lesson	Standards
___/___/___		L5: Circles and Triangles	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.G.B.4
___/___/___		L6: Rectangles and Squares	K.G.B.4, K.MD.A.2
___/___/___		L7: Build with Straws	K.CC.A.1, K.G.B.5, K.MD.A.2,
___/___/___		L8: Draw Shapes	K.G.A.1, K.G.B.4, K.G.B.5,
___/___/___		L9: Shapes are Everywhere	K.G.A.1, K.G.A.2, K.G.B.4, K.G.B.5
___/___/___		*Section A- Checkpoint Assessment*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C.6, K.G.A.1, K.G.A.2, K.G.B.4, K.G.B.5, K.MD.B.3
___/___/___	Section B: Making Shapes	L10: Put Together Pattern Blocks	K.CC.B.5, K.CC.C, K.G.B.6
___/___/___		L11: Same Shapes	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.G.A.2
___/___/___		L12: More than One Way to Make a Shape	K.CC.A.3, K.CC.B.5, K.CC.C.6, K.G.B.6
___/___/___		L13: Describe and Match Shapes	K.CC.C, K.G.A.1
___/___/___		L14: Shapes in Art	K.G.A.1, K.G.A.2, K.G.B.6
___/___/___		L15: Animal Shape Stamp Art*Optional Lesson*	K.CC.B.5, K.CC.C.6, K.G.A.1, K.G.A.2, K.G.B.6
___/___/___		*Section B- Checkpoint Assessment*	K.CC.A.3, K.CC.B.5, K.CC.C, K.G.A.1, K.G.A.2, K.G.B.4, K.G.B.5, K.G.B.6
___/___/___	End-Unit Assessment		

Unit 4 – Add and Subtract within 10 (21 Days)

Date		Lesson	Standards
___/___/___	Section A:	L1: Count 2 Groups of Objects	K.CC.B.5, K.OA.A.1

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Date	Section	Lesson	Standards
___/___/___	Count to Add and Subtract	L2: Count 2 Groups of Images	K.CC.B.5, K.OA.A.1
___/___/___		L3: Count 2 Groups of Scattered Images	K.CC.A.1 K.CC.B.5
___/___/___		L4: Add with Objects	K.CC.B.5, K.OA.A.1
___/___/___		L5: Subtract with Objects	K.CC.B.5, K.OA.A.1
___/___/___		*Section A: Checkpoint Assessment*	K.CC.A.3, K.CC.B.5, K.G.A.1, K.G.B.6, K.OA.A.1
___/___/___	Section B: Representing and Solving Story Problems	L6: Tell and Act Out Stories	K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		L7: Use Objects to Represent Stories	K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		L8: Represent and Solve Story Problems	K.OA.A.1, K.OA.A.2
___/___/___		L9: Solve Story Problems	K.CC.A.3, K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		L10: Compare Drawings	K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		L11: Drawings to Represent Story Problems	K.OA.A.2
___/___/___		L12: Compare Addition and Subtraction Story Problems	K.CC.A.1,K.OA.A.2
___/___/___		L13: Create Story Problems *Optional Lesson*	K.CC.A.3, K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		*Section B: Checkpoint Assessment*	K.CC.A.3, K.CC.B, K.CC.B.5, K.G.A.1, K.G.B.5, K.OA.A.1, K.OA.A.2
___/___/___	Section C: Addition and	L14: Expressions and Story Problems	K.CC.A.2, K.OA.A.1, K.OA.A.2
___/___/___		L15: Expressions and Drawings	K.CC.A.3, K.OA.A.1, K.OA.A.2
___/___/___		L16: Find the Value of Expressions	K.OA.A.1, K.OA.A.2

Illustrative Mathematics: Kindergarten Grade Pacing Guide

___/___/___	Subtraction Expressions	L17: Add 0 and 1	K.CC.A.3, K.CC.B.4, K.OA.A.1, K.OA.A.2
___/___/___		L18: Tell Story Problems for Expressions *Optional Lesson*	K.CC.A.1, K.CC.A.2, K.OA.A.1, K.OA.A.2
___/___/___		*Section C- Checkpoint Assessment*	K.CC.A.1, K.CC.A.2, K.CC.A.3, K.OA.A.1, K.OA.A.2
___/___/___	End-Unit Assessment		

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Unit 5 – Compose and Decompose Numbers to 10 (18 Days)

Date		Lesson	Standards
___/___/___	Section A: Compose and Decompose Numbers to 9	L1: Make 2 Parts	K.OA.A.2, K.OA.A.3, K.OA.A.5
___/___/___		L2: Make and Break Apart	K.OA.A.3
___/___/___		L3 Snap the Cubes	K.OA.A.3
___/___/___		L4: Find All the Ways *Optional Lesson*	K.CC.A.1, K.CC.A.2, K.CC.A.3,
___/___/___		*Section A- Checkpoint Assessment*	K.CC.A.1, K.CC.A.2, K.CC.A.3, K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___	Section B: More Types of Story Problems	L5: Put Together	K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___		L6: Red and Yellow Apples	K.OA.A.1, K.OA.A.2
___/___/___		L7: Solve Both Addends Unknown	K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___		L8: More Than One Way	K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___		L9: All of the Story Problems	K.CC.A.1, K.CC.A.2, K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___		*Section B: Checkpoint Assessment*	K.CC.A.1, K.CC.A.2, K.CC.A.3, K.CC.C.7, K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___	Section C: Make and Break Apart 10	L10: Introduce the 10-frame	K.CC.B.4, K.CC.B.5
___/___/___		L11: Equations that Show 10	K.OA.A.1
___/___/___		L12: How Many Are Missing?	K.OA.A.3, K.OA.A.4

Illustrative Mathematics: Kindergarten Grade Pacing Guide

___/___/___		L13: Make 10	K.CC.C.6, K.OA.A.4
___/___/___		L14: Towers of 10	K.CC.A.3, K.OA.A.4
___/___/___		L15: Lots of Fruit *Optional Lesson*	K.OA.A.1, K.OA.A.2, K.OA.A.3
___/___/___		*Section C- Checkpoint Assessment*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C.6, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4
___/___/___	End-Unit Assessment		

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Unit 6 – Numbers within 20 (16 Days)

Date		Lesson	Standards
___/___/___	Section A: Count Groups of 11-20 Objects	L1: Count Larger Collections of Objects	K.CC.A.1, K.CC.A.2, K.CC.A.3, K.CC.B.4, K.CC.B.5
___/___/___		L2: Keep Track of Objects *Optional Lesson*	K.CC.B.4, K.CC.B.5, K.OA.A.1, K.OA.A.2
___/___/___		L3: Count Carefully	K.CC.B.4, K.CC.B.5,K.OA.A.5,
___/___/___		L4: Does the Number Change?	K.CC.B.4, K.CC.B.5,
___/___/___		*Section A- Checkpoint Assessment*	K.CC.A.3, K.CC.B.5
___/___/___	Section B: 10 Ones and Some More	L5: How Many Fingers? How Many Dots?	K.CC.A.3, K.CC.B.5
___/___/___		L6: Fingers and 10-Frames	K.CC.A.3, K.CC.B.5, K.NBT.A.1
___/___/___		L7: Make Numbers with 10 and Some More: Part 1	K.CC.B.4, K.CC.B.5, K.NBT.A.1
___/___/___		L8: Make Numbers with 10 and Some More: Part 2	K.CC.B.5, K.NBT.A.1
___/___/___		L9: Expressions and Equations	K.CC.B.4, K.CC.B.5, K.NBT.A.1,K.OA.A.1
___/___/___		L10: Complete Equations	K.NBT.A.1, K.OA.A.1
___/___/___		*Section B- Checkpoint Assessment*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.NBT.A.1

___/___/___	Section C: Count Groups of 11-20 Images	L11: Count Images (Part 1)	K.CC.A.1, K.CC.A.2, K.CC.B.5, K.NBT.A.1
___/___/___		L12: Count Images (Part 2)	K.CC.B.4, K.CC.B.5, K.OA.A.4
___/___/___		L13: Fingerprint Animals *Optional Lesson*	K.CC.A.2, K.CC.A.3, K.CC.B.4, K.NBT.A.1, K.OA.A.1
___/___/___		*Section C- Checkpoint Assessment*	K.CC.A.2, K.CC.A.3, K.CC.B.4, K.NBT.A.1, K.OA.A.1
___/___/___	End-Unit Assessment		

Unit 7 – Solid Shapes All Around Us (18 Days)

Date		Lesson	Standards
___/___/___	Section A: Compose and Count with Flat Shapes	L1: Build Shapes	K.CC.A.3, K.CC.B.5, K.G.B.6, K.NBT.A.1
___/___/___		L2: More or Fewer Pattern Blocks	K.CC.A.1, K.CC.C.6, K.CC.C.7, K.G.B.6
___/___/___		L3: Questions and Stories About Shapes	K.CC.B.5, K.G.B.5, K.G.B.6, K.OA.A.1, K.OA.A.2, K.OA.A.4
___/___/___		L4: Pattern Block Puzzles and Equations	, K.G.B.6, K.OA.A.1
___/___/___		L5: Story Problems About Shapes	K.OA.A.1, K.OA.A.2
___/___/___		L6: Compose and Decompose 10 with Pattern Blocks	K.CC.A.1, K.G.B.6, K.OA.A.2, K.OA.A.3, K.OA.A.4, K.OA.A.5
___/___/___		Section A- Checkpoint Assessment	K.CC.A.1, K.CC.B.5, K.G.B.5, K.G.B.6, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4
___/___/___	Section B:	L7: Flat and Solid Shapes	K.G.A.3, K.G.B.4, K.G.B.5, K.MD.B.3,

Illustrative Mathematics: Kindergarten Grade Pacing Guide

___/___/___	Describe, Compare and Create Solid Shapes	L8: Compare Weight	K.MD.A.1, K.MD.A.2
___/___/___		L9: Compare Capacity	K.CC.A.1, K.MD.A.1, K.MD.A.2,
___/___/___		L10: Identify and Describe Solid Shapes	K.G.A.2, K.G.B.4, K.G.B.5, K.OA.A.5
___/___/___		L11: Compare and Sort Solid Shapes	K.G.A.1, K.G.A.2, K.G.B.4, K.MD.B.3
___/___/___		L12: Build Solid Shapes	K.G.B.4, K.G.B.5
___/___/___		L13: Describe Solid Shapes Around Us	K.G.A.1, K.G.B.5
___/___/___		L14: Compose with Solid Shapes	K.G.A.1, K.G.A.2,, K.G.B.6,
___/___/___		L15: Build and Count with Solid Shapes	K.CC.B.5, K.G.B.4, K.G.B.6,
___/___/___		L16: Represent the Classroom with Shapes	K.CC.A.1, K.G.B.5
___/___/___		*Section B- Checkpoint Assessment*	K.CC.A.3, K.G.A.1, K.G.A.2, K.G.B.4, K.G.B.5, K.G.B.6, K.OA.A.1, K.OA.A.2, K.OA.A.4, K.OA.A.5
___/___/___	End-Unit Assessment		

Unit 8 – Putting It All Together (24 Days)

Date		Lesson	Standards
___/___/___	Section A: Counting and Comparing	L1: Sort, Count, and Compare Groups of Objects	K.CC.A.2, K.CC.A.3, K.CC.B.4 K.CC.B.5, K.CC.C, K.MD.B.3
___/___/___		L2: Count and Compare Collections *Optional Lesson*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C,, K.NBT.A.1
___/___/___		L3: Count to Add and Subtract	K.CC.A.1, K.CC.A.2, K.CC.B.4, K.OA.A.2,
___/___/___		L4: One More and One Less *Optional Lesson*	K.CC.B.4, K.CC.B.5
___/___/___		L5: Order Numbers 1-20 *Optional Lesson*	K.CC.A.1, K.CC.A.2, K.CC.A.3

Illustrative Mathematics: Kindergarten Grade Pacing Guide

Date	Section	Lesson	Standards
___/___/___		*Section A- Checkpoint Assessment*	K.CC.A.1, K.CC.A.2, K.CC.A.3, K.CC.B.5, K.CC.C, K.G.B.4, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4
___/___/___	Section B: Math In Our School	L6: Create Number Books (Part 1)	K.CC.A.3, K.CC.B.5
___/___/___		L7: Create Number Books (Part 2)	K.CC.A.3, K.CC.B.5, K.OA.A.5
___/___/___		L8: Find Someone Who, Find Something That	K.CC.B.5, K.MD, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4
___/___/___		L9: Where's the Math?	K.CC.A.3, K.CC.B.5,, K.MD, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4
___/___/___		L10: Tell Stories about Our School	K.CC.A.3, K.CC.B.5, K.OA.A.2
___/___/___		L11: Share Story Problems	K.OA.A.1, K.OA.A.2, K.OA.A.5
___/___/___		*Section B- Checkpoint Assessment*	K.CC.A.3, K.CC.B.5, K.G.B.4, K.G.B.5, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4, K.OA.A.5
___/___/___	Section C: Fluency within 5	L12:Make Dot Images	K.CC.A.3
___/___/___		L13: Dominoes to 5	K.CC.C.6,, K.MD.B.3, K.OA.A.3, K.OA.A.5
___/___/___		L14: Sort and Color Expressions and Images within 5	K.CC.A.2, K.MD.B.3, K.OA.A.3, K.OA.A.5
___/___/___		L15: Addition and Subtraction Expressions within 5	K.CC.C.6, K.OA.A.2, K.OA.A.5
___/___/___		L16: Parts to Make 5	K.OA.A.5
___/___/___		*Section C- Checkpoint Assessment*	K.CC.A.3, K.CC.B.5, K.CC.C.6, K.G.A.1, K.G.A.2, K.G.B.4, K.OA.A.1, K.OA.A.2, K.OA.A.5
___/___/___	Section D: All About 10	L17: Make and Break Apart 10 *Optional Lesson*	K.OA.A.3
___/___/___		L18: All the Ways to Make 10 *Optional Lesson*	K.CC.B.4, K.OA.A.1, K.OA.A.2, K.OA.A.3, K.OA.A.4

Illustrative Mathematics: Kindergarten Grade Pacing Guide

___/___/___		L19: Find the Number that Makes 10 *Optional Lesson*	K.OA.A.3, K.OA.A.4
___/___/___		L20: More or Less than 10?	K.CC.B.4
___/___/___		L21: Compose and Decompose Numbers 11-19	K.CC.B.5, K.NBT.A.1
___/___/___		*Section D- Checkpoint Assessment*	K.CC.A.3, K.CC.B.4, K.CC.B.5, K.CC.C, K.G.B, K.OA.A, K.OA.A.3
___/___/___	End-Unit Assessment		