

Kindergarten Math Pacing Guide

This pacing guide ensures that all 23 math standards are fully addressed throughout the school year.

Critical Standards Supporting Standards	Teaching Days	Focus/Objective
Number Sense	9	Students will demonstrate their understanding of number sense by counting, recognizing numbers, and representing quantities, while the teacher observes and assesses each student's current math level.
BOY Number Sense		
Unit 1: COUNT SEQUENCE AND NUMBERS TO 5		
Module 1: Represent Numbers to 5 with Objects		
MA19.K.1. MA19.K.4.	10	I can count forward (up to 5) and count objects to know how many are in a group.
Module 1 Test		
Module 2: Represent Numbers to 5 with a Written Numeral		
MA19.K.3. MA19.K.4.	10	I can write numbers up to 5, show that number with objects, and count to tell how many are in a group.
Module 2 Test		
Module 3: Matching and Counting Numbers to 5		
MA19.K.6. MA19.K.17.	10	I can count objects in a line or scattered, tell how many are in each group, and compare groups to tell which has more, fewer, or the same.
Module 3 Test		
Module 4: Classify, Count, and Sort Objects		
MA19.K.5. MA19.K.13. MA19.K.15.	5	I can sort objects into categories, count how many are in each group, show my data, and create and extend simple patterns.
Module 4 Test		
Module 5: Add To and Take From Within 5 Module 6: Put Together and Take Apart Within 5		
MA19.K.8. MA19.K.9. MA19.K.12.	25	I can break numbers apart in different ways and use objects or drawings to show addition and subtraction, solve simple word problems, and quickly add and subtract within 5.
Module 5 & 6 Test		
UNIT 2: COUNT SEQUENCE AND NUMBERS TO 10		
Module 7: Represent Numbers 6 to 10 with Objects Module 8: Represent Numbers 6 to 10 with a Written Numeral		
MA19.K.4. MA19.K.5.	10	I can count objects to find how many are in a group and understand that the last number I say tells the total.
Module 7 & 8 Test		
Module 9: Use the Count Sequence to Count to 100		
MA19.K.1. MA19.K.2.	10	I can count forward to 100, count by tens, start counting from any number, and count backward from 10 to 0.
Module 9 Test		
Module 10: Compare Numbers to 10		
MA19.K.6. MA19.K.7. MA19.K.15.	10	I can compare numbers and groups of objects to tell which is greater, less, or equal.
Module 10 Test		

Module 11 : Add To and Take From Within 10 Module 12 : Put Together and Take Apart Within 10		
MA19.K.8. MA19.K.9.	20	I can break apart numbers up to 10 and use objects, drawings, or numbers to show addition and subtraction, including solving simple word problems within 10.
Module 11 and 12 Test		
Module 13 : Ways to Make Numbers to 10		
MA19.K.10. MA19.K.11.	10	I can break apart numbers in different ways and find the number that makes 10.
Module 13 Test		
UNIT 3: GEOMETRY		
Module 14 : Analyze and Compare Three-Dimensional Shapes		
MA19.K.20. MA19.K.21. MA19.K.22.	5	I can tell if shapes are flat or solid, compare them, and build or draw them.
Module 15 : Describe Positions of Objects		
MA19.K.18.	5	I can name shapes and tell where objects are using words like above, below, beside, in front of, behind, and next to.
Module 16: Analyze and Compare Two-Dimensional Shapes		
MA19.K.19. MA19.K.21. MA19.K.22. MA19.K.23	5	I can name, compare, build, and combine shapes to make new shapes.
Module 14, 15, 16 Test		
UNIT 4: NUMBER AND OPERATIONS IN BASE TEN		
Module 17 : Represent Numbers to 20 (Place Value Foundations)		
MA19.K.1. MA19.K.4. MA19.K.14.	5	I can count objects to tell how many and show numbers up to 20, including making and breaking apart numbers from 11 to 19.
Module 17 Test		
Module 18 : Represent Numbers to 20 with a Written Numeral		
MA19.K.3. MA19.K.5. MA19.K.14.	5	I can write numbers from 0 to 20 and show how numbers from 11 to 19 are made of a ten and some ones.
Module 18 Test		
UNIT 5: MEASUREMENT		
Module 19 : Length and Height Module 20: Weight		
MA19.K.6. MA19.K.15. MA19.K.16. MA19.K.17.	10	I can describe and compare objects by their length and height using words like longer, shorter, taller, and shorter. I can compare numbers and groups of objects to tell which is greater, less, or equal.
Module 19 & 20 Test		
Review Module 9 : Use the Count Sequence to Count to 100 Review Module 11 : Add To and Take From Within 10 Review Module 12 : Put Together and Take Apart Within 10		
MA19.K.2. MA19.K.8. MA19.K.9.	15	I can count and compare numbers, show what numbers mean, and use them to solve simple math problems up to 10 using objects, drawings, or words.
Review Test EOY		

Kindergarten Math Spiraling Standards

Constant Spiral (Daily/Weekly)	MA.19.K.1. Count forward orally from 0 to 100 by ones and by tens. Count backward orally from 10 to 0 by ones. MA.19.K.2. Count to 100 by ones beginning with any given number between 0 and 99. MA.19.K.4. Connect counting to cardinality using a variety of concrete objects. MA.19.K.5. Count to answer "how many?" questions.	Taught and reinforced daily through calendar math, counting routines, number talks, and fluency warm-ups. These standards are continuously practiced throughout all units to maintain number sense and counting fluency.
Frequent Spiral (weekly across units)	MA.19.K.3 Write numerals 0–20 and represent quantities MA.19.K.6. Orally identify whether the number of objects in one group is greater/more than, less/fewer than, or equal/the same as the number of objects in another group, in groups containing up to 10 objects, by using matching, counting, or other strategies. MA.19.K.8 Represent addition and subtraction MA.19.K.9 Solve addition/subtraction word problems MA.19.K.10. Decompose numbers less than or equal to 10 into pairs of smaller numbers in more than one way, by using concrete objects or drawings, and record each decomposition by a drawing or equation. Example: $5 = 2 + 3$ and $5 = 4 + 1$ MA.19.K.11 For any number 0 to 10, find the number that makes 10 when added to the given number	Revisited multiple times per week through centers, small groups, and problem-solving tasks. These standards are reinforced across multiple units to build conceptual understanding and fluency.
Late Spiral (after introduction)	MA.19.K.12 Fluently add and subtract within 5 MA.19.K.13 Create and extend patterns MA.19.K.14 Compose/decompose numbers 11–19 MA.19.K.16 Describe measurable attributes MA.19.K.17 Compare measurable attributes MA.19.K.18 Describe positions of objects MA.19.K.19 Name shapes regardless of orientation MA.19.K.20 Identify 2D vs 3D shapes MA.19.K.21 Analyze and compare shapes MA.19.K.22 Model shapes MA.19.K.23 Compose shapes	Introduced in designated units and then revisited through centers, hands-on activities, STEM tasks, math games, and cumulative review to ensure long-term retention and application across contexts.

Standards Alignment Overview	
Standard	Modules
MA.19.K.1.	M1 M9 M17
MA.19.K.2.	M9 EOY Review
MA.19.K.3.	M2 M18
MA.19.K.4.	M1 M2 M7/8 M17
MA.19.K.5.	M4 M7/8 M18
MA.19.K.6.	M3 M10 M19/20
MA.19.K.7.	M10
MA.19.K.8.	M5/6 M11/12 EOY Review
MA.19.K.9.	M5/6 M11/12 EOY Review
MA.19.K.10.	M13
MA.19.K.11.	M13
MA.19.K.12.	M5/6
MA.19.K.13.	M4
MA.19.K.14.	M17 M18
MA.19.K.15.	M4 M10 M19/20
MA.19.K.16.	M19/20
MA.19.K.17.	M3 M19/20
MA.19.K.18.	M15
MA.19.K.19.	M16
MA.19.K.20.	M14
MA.19.K.21.	M14 M16
MA.19.K.22.	M14 M16
MA.19.K.23.	M14/15/16