



Bridges in Mathematics & Number Corner Second Edition

Oklahoma

Academic Standards for Mathematics

Overview of Standards for Kindergarten

Number & Operations (N)

1. Understand the relationship between quantities and whole numbers.
2. Develop conceptual fluency with addition and subtraction (up to 10) using objects and pictures.
3. Understand the relationship between whole numbers and fractions through fair share.
4. Identify coins by name.

Algebraic Reasoning & Algebra (A)

1. Duplicate patterns in a variety of contexts.

Geometry & Measurement (GM)

1. Recognize and sort basic two-dimensional shapes and use them to represent real-world objects.
2. Compare and order objects according to location and measurable attributes.
3. Tell time as it relates to daily life.

Data & Probability (D)

1. Collect, organize, and interpret categorical data.

Mathematical Actions & Processes

- Develop a deep and flexible conceptual understanding
- Develop accurate and appropriate procedural fluency
- Develop strategies for problem solving
- Develop mathematical reasoning
- Develop a productive mathematical disposition
- Develop the ability to make conjectures, model, and generalize
- Develop the ability to communicate mathematically

Objectives & Correlations Color Code

fully addressed partially addressed addressed in another grade level not found within curriculum



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Oklahoma Academic Standards for Mathematics Correlations (continued)

NUMBER & OPERATIONS

K.N.1 Understand the relationship between quantities and whole numbers.

K.N.1.1 Count aloud forward in sequence to 100 by 1s and 10s.

Unit 1: M1–S1, S2, S3, S3-WP1E, S4, S5 Unit 2: M3–S1, S2 Unit 3: M1–S1 Unit 4: M1–S1, S2, S3, S3-WP4A M3–S1, S2 M4–S2-HC Unit 5: M1–S4 M2–S1	Unit 6: M1–S1, S2-HC, S3, S4, S5-HC M2–S1, S5-HC M3–S1, S4 Unit 7: M1–S1, S2, S3, S4 M2–S1, S2, S3 M4–S1, S4, S5 Unit 8: M1–S5-HC M2–S1, S4, S4-WP8E	Sep: CC, DS, NL Feb: DS, NL Oct: CC, DS, NL Mar: DS, NL Nov: DS, NL Apr: DS, NL Dec: CC, DS, NL May: DS, NL Jan: DS, NL
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K.N.1.2 Recognize that a number can be used to represent how many objects are in a set up to 10.

Unit 1: M1–S3, S4, S5 M2–S1, S2, S2-HC, S3, S4–WP1F, S5-HC M3–S1, S2, S3, S3-HC, S4, S5, S5-WP1C, S6-HC M4–S2-HC Unit 2: M1–S1, S2, S2-HC, S3, S4, S5, S5-HC, S5-WP2A M2–S1, S2, S2-HC, S3, S4, S4-WP2B, S5, S5-HC M3–S1, S2, S3-HC, S5, S6, S6-WP2D M4–S2-HC Unit 3: M1–S1, S2, S2-HC, S4, S5, S5-HC, S5-WP3A M2–S1, S1-WP3B, S2, S2-HC, S2-WP3C, S4, S5 M3–S1, S2, S2-HC, S3, S4-WP3D, S5, S5-HC	Unit 4: M1–S2-HC M2–S3, S4, S5, S5-HC, S5-WP4C Unit 6: M1–S3, S4 M2–S5, S5-WP6C M3–S1, S2, S3, S3-WP6D M4–S1, S3, S4, S5, S5-HC Unit 7: M1–S4, S5, S5-WP7B M2–S1, S2, S2-WP7C, S3, S4, S4-WP7D, S5-HC M3–S1, S2 M4–S2, S2-HC, S3, S4 Unit 8: M1–S5, S5-WP8C M2–S3 M4–S1, S4	Sep: CC, CF Oct: CC, DS, CF Nov: CC, CF Dec: CC, DS Jan: CC Feb: CG, CF Mar: CG, CF
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K.N.1.3 Use ordinal numbers to represent the position of an object in a sequence up to 10.

Unit 1: M1–S1, S1-WP1A, S2, S3, S3-WP1E, S4, S5 M2–S1, S2, S3, S4, S4, S5 M3–S1, S2, S3, S4, S5 Unit 2: M1–S1, S2, S3, S4, S5, S5-WP2A M2–S1, S2, S3, S4, S4-WP2B, S5 M3–S1, S2, S3-HC, S4, S4-WP2C, S6, S6-WP2D	Unit 3: M1–S1, S2 Unit 4: M2–S1, S2, S2-WP4B, S3, S4, S5, S5-WP4C Unit 6: M1–S3, S4 M2–S3, S3-WP6A, S5, S5-WP6C M4–S5-HC	Sep: CC, DS, CF, Jan: CC, DS NL Feb: DS Oct: CG, CC, DS, Mar: DS CF, NL Apr: DS Nov: CC, DS, CF May: DS Dec: CC, DS, CF
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K.N.1.4 Recognize without counting (subitize) the quantity of a small group of objects in organized and random arrangements up to 10. Clarification statement: Subitizing is defined as instantly recognizing the quantity of a set without having to count. “Subitizing” is not a vocabulary word and is not meant for student discussion at this age.

Unit 1: M2–S2, S3, S4, S5 Unit 2: M1–S1, S2 M2–S5	Sep: CF Oct: CF Nov: CF
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K.N.1.5 Count forward, with and without objects, from any given number up to 10.

Unit 4: M1–S1, S2, S3, S3-WP4A M2–S1, S2, S2-HC, S2-WP4B, S3, S4, S5, S5-WP4C M3–S1, S2, S3, S4, S5 M4–S1, S2, S3, S4, S5, S5-WP4D, S5-WP4E Unit 5: M1–S2-HC, S5, S5-HC Unit 6: M1–S2, S3, S4, S5 M2–S2, S3 M3–S2, S3 Unit 8: M1–S1, S2, S2-HC, S3, S4, S5, S5-HC M3–S2, S3	Sep: NL Feb: CG, CC, Oct: NL NL Nov: NL Mar: DS, NL Dec: NL Apr: NL Jan: NL May: CF, NL
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NUMBER & OPERATIONS

K.N.1.6 Read, write, **discuss**, and represent whole numbers from 0 to **at least 10**. Representations may include numerals, pictures, real objects and picture graphs, spoken words, and manipulatives.

Unit 1: M2–S2-HC, S4, S5-HC M3–S3-HC, S6, S6-HC, S6-WP1H M4–S4-HC Unit 2: M2–S2-HC, S5-HC M4–S2-HC Unit 3: M2–S2, S2-WP3C, S5-HC M3–S1, S2, S2-HC, S5-HC M4–S5-HC Unit 4: M1–S4, S5, S5-HC M2–S2-HC M3–S2-HC Unit 5: M1–S3 M3–S5-HC M4–S1, S5-HC	Unit 6: M2–S5-WP6C M3–S1, S2, S2-HC, S4 M4–S2-HC, S5-HC Unit 7: M1–S4, S5, S5-WP7B M2–S2, S2-WP7C, S5-HC M3–S2-HC, S3, S5-HC M4–S1, S2, S2-HC, S3, S5-HC Unit 8: M1–S1, S2, S2-WP8A, S3, S4, S4-WP8B M2–S3, S4, S4-WP8E, S5 M3–S5-HC M4–S1	Sep: NL Oct: NL Nov: NL Dec: NL Jan: NL	Feb: NL Mar: NL
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K.N.1.7 Find a number that is 1 more or 1 less than a given number up to 10.

Unit 3: M2–S4, S5-HC M3–S1, S2, S3, S4, S5 M4–S1, S2, S3, S4, S5 Unit 4: M1–S1, S2, S3, S3-WP4A M2–S1, S2, S2-HC, S2-WP4B, S3, S4, S5, S5-WP4C M3–S1, S2, S3, S4, S5 M4–S1, S2, S3, S4, S5, S5-WP4D, S5-WP4E	Unit 5: M1–S2-HC, S5, S5-HC Unit 6: M1–S2, S3, S4, S5 M2–S2, S3 M3–S2, S3 Unit 8: M1–S1, S2, S2-HC, S3, S4, S5, S5-HC M3–S2, S3	Sep: NL Oct: NL Nov: NL Dec: NL Jan: NL	Feb: CG, CC, NL Mar: DS, NL Apr: NL May: CF, NL
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K.N.1.8 Using the words more than, less than or equal to compare and order whole numbers, with and without objects, from 0 to 10.

Unit 1: M1–S1-WP1A, S2, S3, S4, S5 M3–S4, S5, S5-WP1H Unit 2: M1–S4, S5, S5-HC, S5-WP2A M3–S3, S4, S4-WP2C, S6, S6-HC, S6-WP2D Unit 3: M3–S3, S4-WP3D, S5-HC M4–S1, S2, S2-HC, S3 Unit 4: M3–S1, S2-HC, S3, S4, S5 M4–S2-HC Unit 5: M1–S3, S4, S5, S5-WP5A M2–S1, S2, S3, S4 M3–S1, S1-WP5C, S2, S2-WP5D, S3, S3-WP5E, S4, S5, S5-WP5F M4–S1	Unit 6: M1–S3, S4, S5 M2–S5-HC M3–S1, S2, S3, S3-WP6D Unit 7: M2–S3, S4, S4-WP7D M3–S1, S2 M4–S2-HC, S3 Unit 8: M1–S5, S5-WP8C M2–S1, S2, S2-HC, S2-WP8D M3–S1, S4, S5	Oct: CC Dec: CC Jan: CC, NL Feb: CG Mar: CC, NL	Apr: CC May: CC
Unit 1: M1–S3, S4, S5 Unit 3: M4–S3, S5-HC Unit 4: M1–S4, S5, S5-HC	Unit 5: M1–S3 Unit 6: M1–S5, S5-HC M3–S5 Unit 7: M2–S2, S2-WP7C, S5 M4–S1, S2, S3	Jan: NL Mar: NL	

K.N.2 Develop conceptual fluency with addition and subtraction (up to 10) using objects and pictures.

K.N.2.1 Compose and decompose numbers up to 10 with objects and pictures.

Unit 1: M2–S1, S2, S3, S4, S4-WP1F, S5 M3–S4, S5, S5-WP1G Unit 2: M1–S1, S2, S3, S5-HC M2–S1, S2-HC, S5, S5-HC M3–S3, S4, S4-WP2C, S5, S6, S6-HC, S6-WP2D Unit 3: M1–S1, S2, S4, S5, S5-WP3A M2–S1, S1-WP3B, S2, S4 M3–S1, S2 M4–S4, S5, S5-WP3F	Unit 5: M1–S4, S5, S5-WP5A Unit 6: M2–S5, S5-WP6C M3–S3, S3-WP6D M4–S1, S2, S3, S4, S5 Unit 7: M1–S4 M3–S5, S5-HC Unit 8: M1–S1, S2, S2-WP8A, S4, S4-WP8B, S5-HC M2–S5 M3–S5 M4–S1, S2, S3	Oct: CC, CF Nov: CF Dec: CF Jan: CG, CF	Feb: CC Mar: CC, CF Apr: CC May: CC, CF
Unit 2: M1–S3 Unit 3: M2–S1 M3–S5 M4–S4, S5, S5-WP3F Unit 5: M3–S3, S3-WP5E	Unit 6: M3–S5 Unit 7: M3–S1, S2 Unit 8: M1–S1, S3 M2–S2-HC, S5 M3–S5 M4–S1	Sep: CF Oct: DS Nov: DS Jan: DS Feb: DS, CF	Mar: CG, DS, NL Apr: DS, NL May: DS, CF



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Oklahoma Academic Standards for Mathematics Correlations (continued)

NUMBER & OPERATIONS

K.N.3 Understand the relationship between whole numbers and fractions through fair share.

K.N.3.1 Distribute equally a set of objects into at least two smaller equal sets.

Unit 3: M1–S5-WP3A M3–S4-WP3D
Unit 7: M1–S5-WP7B

May: CG

K.N.4 Identify coins by name.

K.N.4.1 Identify pennies, nickels, dimes, and quarters by name.

Unit 4: M4–S1, S2-WP4D, S3, S5-WP4E
Unit 6: M3–S4

Feb: CC

ALGEBRAIC REASONING & ALGEBRA

K.A.1 Duplicate patterns in a variety of contexts.

K.A.1.1 Sort and group up to 10 objects into a set based upon characteristics such as color, size, and shape. Explain verbally what the objects have in common.

Unit 1: M1–S1, S2, S3, S4, S5 M2–S4, S4-WP1C, S5 M3–S6, S6-WP1H
Unit 2: M3–S3, S4
Unit 4: M4–S1, S2, S2-WP4D, S5, S5-WP4E
Unit 5: M1–S1, S2, S3, S5-HC M2–S1, S2, S3, S4, S5-HC
M3–S1, S1-WP5C, S2, S2-HC, S2-WP5D, S3, S3-WP5E M4–S1

Unit 6: M1–S1, S5 M2–S4, S4-WP6B, S5-HC
Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A
Unit 8: M2–S2-HC

Oct: CC **Apr:** CG, CC
Dec: CC **May:** CC
Jan: CC
Mar: CC

K.A.1.2 Recognize, duplicate, complete, and extend repeating, shrinking and growing patterns involving shape, color, size, objects, sounds, movement, and other contexts.

Unit 1: M4–S1, S2, S3, S4, S4-WP11

Sep: CG **Feb:** CG
Oct: CG **Mar:** CG
Nov: CG **Apr:** CG
Dec: CG **May:** CG
Jan: CG



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Oklahoma Academic Standards for Mathematics Correlations (continued)

GEOMETRY & MEASUREMENT			
K.GM.1 Recognize and sort basic two-dimensional shapes and use them to represent real-world objects.			
K.GM.1.1 Recognize squares, circles, triangles, and rectangles.			
Unit 1: M1–S2-WP1D Unit 2: M4–S3, S4, S4-HC, S4-WP2E Unit 5: M1–S1, S2 M2–S1, S2, S3, S4, S5, S5-WP5B M3–S1, S1-WP5C, S2, S2-WP5D, S3, S3-WP5E, S4, S5, S5-HC, S5-WP5F M4–S1, S2, S3, S4, S5	Unit 6: M1–S1, S5 M2–S1, S2, S2-HC, S3, S3-WP6A, S4, S4-WP6B, S5-HC	Sep: CG Nov: CG	
K.GM.1.2 Sort two-dimensional objects using characteristics such as shape, size, color, and thickness.			
Unit 1: M1–S1, S2, S3, S4, S5 M2–S4, S4-WP1C, S5 M3–S6, S6-WP1H Unit 2: M3–S3, S4 Unit 4: M4–S1, S2, S2-WP4D, S5, S5-WP4E Unit 5: M1–S1, S2, S3, S5-HC M2–S1, S2, S3, S4, S5-HC M3–S1, S1-WP5C, S2, S2-HC, S2-WP5D, S3, S3-WP5E M4–S1	Unit 6: M1–S1, S5 M2–S4, S4-WP6B, S5-HC Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S2-HC	Oct: CC Dec: CC Jan: CC Mar: CC	Apr: CG, CC May: CC
K.GM.1.3 Identify attributes of two-dimensional shapes using informal and formal geometric language interchangeably.			
Unit 1: M1–S1-WP1B, S1-WP1C, S2-WP1D Unit 2: M4–S1, S2 Unit 5: M1–S1, S2 M2–S1, S2, S2-HC, S3, S4, S5, S5-HC, S5-WP5B M3–S1, S1-WP5C, S4, S5, S5-HC, S5-WP5F M4–S1, S2, S2-HC, S3, S4, S5	Unit 6: M1–S1, S2, S3, S5 M2–S1, S2, S2-HC, S3, S3-WP6A, S4, S4-WP6B	Sep: CG Nov: CG	
K.GM.1.4 Use smaller shapes to form a larger shape when there is an outline to follow.			
Unit 1: M1–S1-WP1B Unit 2: M4–S1, S2, S3, S4, S4-HC, S4-WP2E Unit 5: M3–S2, S2-HC, S2-WP5D, S4, S5, S5-WP5F M4–S1, S4, S5			
K.GM.1.5 Compose free-form shapes with blocks.			
Unit 3: M1–S3 Unit 5: M1–S2, S2-HC M2–S5, S5-WP5B M3–S1, S1-WP5C, S3, S3-WP5E M4–S1, S5-HC	Unit 6: M1–S3, S4 M2–S1, S2, S3, S3-WP6A, S4, S4-WP6B	Nov: CG	
K.GM.1.6 Use basic shapes and spatial reasoning to represent objects in the real world.			
Unit 3: M1–S3 Unit 5: M1–S2, S2-HC M2–S5, S5-WP5B M3–S1, S1-WP5C, S3, S3-WP5E M4–S1, S5-HC Unit 6: M1–S3, S4 M2–S1, S2, S3, S3-WP6A, S4, S4-WP6B		Nov: CG	



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Oklahoma Academic Standards for Mathematics Correlations (continued)

GEOMETRY & MEASUREMENT

K.GM.2 Compare and order objects according to location and measurable attributes.

K.GM.2.1 Use words to compare objects according to length, size, weight, position, and location.

Unit 3: M3–S3, S4-WP3D Unit 4: M1–S1 M3–S1, S2, S3, S4, S5, S5-HC	Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A M3–S2-HC Unit 8: M2–S1, S2, S2-WP8D, S4, S4-WP8E	Apr: CG
Unit 1: M1–S1-WP1A Unit 3: M3–S3, S4-WP3D Unit 4: M3–S1, S2, S2-HC, S3, S4, S5	Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S1, S2, S2-WP8D, S4, S4-WP8E	Nov: CC Apr: CG
Unit 1: M1–S1-WP1B, S1-WP1C, S2, S2-WP1D Unit 2: M4–S1, S2, S3, S4, S4-HC, S4-WP2E Unit 5: M1–S1, S2, S2-HC M2–S1, S2, S2-HC, S3, S4, S5, S5-WP5B M3–S1, S1-WP5C, S2, S2-HC, S2-WP5D, S3, S3-WP5E, S4, S5, S5-WP5F M4–S1, S2, S3, S4, S5	Unit 6: M1–S1, S2, S2-HC, S5 M2–S1, S2, S2-HC, S4, S4-WP6B	Sep: CG Oct: CG Nov: CG, NL Dec: CG, CC, NL
Unit 1: M1–S1-WP1B, S1-WP1C, S2-WP1D Unit 2: M4–S1, S2 Unit 5: M1–S1, S2 M2–S1, S2, S2-HC, S3, S4, S5, S5-HC, S5-WP5B M3–S1, S1-WP5C, S4, S5, S5-HC, S5-WP5F M4–S1, S2, S2-HC, S3, S4, S5	Unit 6: M1–S1, S2, S3, S5 M2–S1, S2, S2-HC, S3, S3-WP6A, S4, S4-WP6B	Sep: CG Nov: CG

K.GM.2.2 Order up to 6 objects using measurable attributes, such as length and weight.

Unit 1: M1–S1-WP1A Unit 3: M3–S3, S4-WP3D Unit 4: M3–S1, S2, S2-HC, S3, S4, S5	Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S1, S2, S2-WP8D, S4, S4-WP8E	Nov: CC Apr: CG
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K.GM.2.3 Sort objects into sets by more than one attribute.

Unit 1: M1–S1, S2, S3, S4, S5 M2–S4, S4-WP1C, S5 M3–S6, S6-WP1H Unit 2: M3–S3, S4 Unit 4: M4–S1, S2, S5 Unit 5: M1–S1, S2, S3, S5-HC M2–S1, S2, S3, S4, S5-HC M3–S1, S1-WP5C, S2, S2-HC, S2-WP5D, S3, S3-WP5E M4–S1	Unit 6: M1–S1, S5 M2–S4, S4-WP6B, S5-HC Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S2-HC	Oct: CC Dec: CC Jan: CC Mar: CC	Apr: CG, CC May: CC
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K.GM.2.4 Compare the number of objects needed to fill two different containers.

Unit 1: M1–S1-WP1A Unit 3: M3–S3, S4-WP3D Unit 4: M3–S1, S2, S2-HC, S3, S4, S5	Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S1, S2, S2-WP8D, S4, S4-WP8E	Nov: CC Apr: CG
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K.GM.3 Tell time as it relates to daily life.

K.GM.3.1 Develop an awareness of simple time concepts using words such as yesterday, today, tomorrow, morning, afternoon, and night within his/her daily life.

Sep-May: CG



Bridges in Mathematics & Number Corner Second Edition
Oklahoma Academic Standards for Mathematics Correlations (continued)

DATA & PROBABILITY

K.D.1 Collect, organize, and interpret categorical data.

K.D.1.1 Collect and sort information about objects and events in the environment.

Unit 1: M1–S1, S2, S3, S4, S5 M2–S4, S4-WP1C, S5 M3–S6, S6-WP1H Unit 2: M3–S3, S4 Unit 4: M4–S1, S2, S2-WP4D, S5, S5-WP4E Unit 5: M1–S1, S2, S3, S5-HC M2–S1, S2, S3, S4, S5-HC M3–S1, S1-WP5C, S2, S2-HC, S2-WP5D, S3, S3-WP5E M4–S1	Unit 6: M1–S1, S5 M2–S4, S4-WP6B, S5-HC Unit 7: M1–S1, S2, S2-HC, S3, S3-WP7A Unit 8: M2–S2-HC	Oct: CC Dec: CC Jan: CC	Mar: CC Apr: CG, CC May: CC
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K.D.1.2 Use categorical data to create real-object and picture graphs.

Unit 1: M1–S3, S4	Sep: CC Oct: CC Nov: CC Jan: CC	Feb: CC Mar: CC Apr: CC May: CC
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K.D.1.3 Draw conclusions from real-object and picture graphs.

Unit 1: M1–S3, S4	Sep: CC Oct: CC Nov: CC Jan: CC	Feb: CC Mar: CC Apr: CC May: CC
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