



Bridges in Mathematics & Number Corner Second Edition

Oklahoma

Academic Standards for Mathematics

Overview of Standards for Grade 1

Number & Operations (N)

1. Count, compare, and represent whole numbers up to 100, with an emphasis on groups of tens and ones.
2. Solve addition and subtraction problems up to 10 in real-world and mathematical contexts.
3. Develop foundational ideas for fractions.
4. Identify coins and their values.

Algebraic Reasoning & Algebra (A)

1. Identify patterns found in real-world and mathematical situations.

Geometry & Measurement (GM)

1. Recognize, compose, and decompose two- and three-dimensional shapes.
2. Select and use nonstandard and standard units to describe length and volume/capacity.
3. Tell time to the half and full hour.

Data & Probability (D)

1. Collect, organize, and interpret categorical and numerical 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

1.N.1 Count, compare, and represent whole numbers up to 100, with an emphasis on groups of tens and ones.

1.N.1.1 Recognize numbers to 20 without counting (subitize) the quantity of structured arrangements.

Unit 1: M2–S1 M3–S4 M4–S4

Sept: CG, CF

1.N.1.2 Use concrete representations to describe whole numbers between 10 and 100 in terms of tens and ones.

Unit 3: M3–S1, S2, S3, S4, S5

Unit 7: M1–S1, S2, S3, S4, S5-HC M2–S1 M4–S1, S2, S4, S5

Unit 8: M3–S2 M4–S3

Sep: NL
Oct: DS, NL
Nov: DS, NL
Dec: NL
Jan: NL
Feb: CC, NL
Mar: DS, NL
Apr: DS, CF, NL
May: DS, NL

1.N.1.3 Read, write, discuss, and represent whole numbers up to 100. Representations may include numerals, addition and subtraction, pictures, tally marks, number lines and manipulatives, such as bundles of sticks and base 10 blocks.

Unit 1: M1–S1-WP1A, S3, S4, S5 M2–S4, S4-WP1F, S5-WP1G
M3–S3, S3-WP1H, S4, S5 M4–S2-WP1I, S3, S4, S5, S5-HC

Unit 2: M1–S2 M2–S5-HC M4–S3, S5-HC

Unit 3: M3–S1, S2, S2-HC, S3, S4

Unit 4: M1–S1 M2–S1, S2, S2-HC, S3, S4, S4-WP4B M3–S1, S2
M4–S1, S2, S3, S4, S5, S5-HC

Unit 5: M3–S2-HC

Unit 6: M1–S3 M4–S1, S2, S3, S5, S5-HC

Unit 7: M1–S2, S3, S4 M2–S1, S2, S2-HC, S3, S4, S5, S5-HC
M3–S3, S4, S5, S5-HC M4–S1, S2, S5-HC

Unit 8: M1–S1, S2, S4, S5, S5-WP8A M3–S3, S4, S5, S6
M4–S1, S2, S4

Sep: CG, NL
Oct: CC, DS, NL
Nov: CG, DS, NL
Dec: CG, DS, NL
Jan: CG, DS, NL
Feb: CG, DS, NL
Mar: CG, CC, DS, NL
Apr: CG, DS, CF, NL
May: CG, DS, CF, NL

1.N.1.4 Count forward, with and without objects, from any given number up to 100 by 1s, 2s, 5s, and 10s.

Unit 1: M1–S1-WP1A, S3, S4, S5 M2–S4, S4-WP1F, S5-WP1G
M3–S3, S3-WP1H, S4, S5 M4–S2-WP1I, S3, S4, S5, S5-HC

Unit 2: M1–S2 M2–S5-HC M4–S3, S5-HC

Unit 3: M3–S1, S2, S2-HC, S3, S4

Unit 4: M1–S1 M2–S1, S2, S2-HC, S3, S4, S4-WP4B M3–S1, S2
M4–S1, S2, S3, S4, S5, S5-HC

Unit 5: M3–S2-HC

Unit 6: M1–S3 M4–S1, S2, S3, S5, S5-HC

Unit 7: M1–S2, S3, S4

M2–S1, S2, S2-HC, S3, S4, S5, S5-HC

M3–S3, S4, S5, S5-HC M4–S1, S2, S5-HC

Unit 8: M1–S1, S2, S4, S5, S5-WP8A M3–S3, S4, S5, S6
M4–S1, S2, S4

Sep: CG, NL
Oct: CC, DS, NL
Nov: CG, DS, NL
Dec: CG, DS, NL
Jan: CG, DS, NL
Feb: CG, DS, NL
Mar: CG, CC, DS, NL
Apr: CG, DS, CF, NL
May: CG, DS, CF, NL

1.N.1.5 Find a number that is 10 more or 10 less than a given number up to 100.

Unit 4: M2–S1, S2, S2-HC M3–S1, S2, S3, S4, S5, S5-WP4D

Unit 7: M2–S3 M3–S3, S4, S5, S5-HC M4–S3

Unit 8: M2–S4, S4-WP8B M3–S2 M4–S2, S4

Mar: DS
Apr: CF, NL
May: CG, CF, NL

1.N.1.6 Compare and order whole numbers from 0 to 100.

Unit 2: M1–S3, S4-WP2B M2–S3, S3-WP2C, S5
M4–S4, S5

Unit 3: M2–S5, S5-WP3E M3–S1, S2, S3, S4 M4–S3

Unit 4: M3–S2 M4–S1, S2, S3, S4, S5

Unit 6: M4–S1, S2, S3

Unit 7: M1–S2, S3, S4, S4-WP7A, S5-HC M4–S2, S3, S4, S5

Unit 8: M1–S4, S5, S5-WP8A M3–S3, S4, S5, S6 M4–S1, S2, S2-HC, S3

Oct: CC, NL
Nov: NL
Dec: NL
Jan: NL
Feb: CC, NL
Mar: NL
Apr: CF



NUMBER & OPERATIONS

1.N.1.7 Use knowledge of number relationships to locate the position of a given whole number on an open number line to 20.

Unit 4: M1-S1, S2, S3, S4, S5

Sep: NL

1.N.1.8 Use objects to represent and use words to describe the relative size of numbers, such as more than, less than, and equal to.

Unit 2: M1-S3, S4-WP2B M2-S3, S3-WP2C, S5 M4-S4, S5

Unit 3: M2-S5, S5-WP3E M3-S1, S2, S3, S4 M4-S3

Unit 4: M3-S2 M4-S1, S2, S3, S4, S5

Unit 6: M4-S1, S2, S3

Unit 7: M1-S2, S3, S4, S4-WP7A, S5-HC

M4-S2, S3, S4, S5

Unit 8: M1-S4, S5, S5-WP8A M3-S3, S4, S5, S6

M4-S1, S2, S2-HC, S3

Oct: CC, NL

Nov: NL

Dec: NL

Jan: NL

Feb: CC, NL

Mar: NL

Apr: CF

1.N.2 Estimate sums and differences up to 100.

1.N.2.1 Represent and solve real-world and mathematical problems using addition and subtraction up to ten.

Unit 1: M2-S5-HC M3-S1

Unit 2: M2-S2, S5-HC M3-S2-HC, S5, S5-HC M4-S2-HC, S5-HC

Unit 3: M1-S5 M2-S2-HC, S3, S4, S5 M4-S3, S4

Unit 4: M1-S3, S4, S4-WP4A M3-S5-HC M4-S2-HC, S4, S5

Unit 5: M4-S1-HC, S3-HC

Unit 6: M1-S1, S2, S2-HC, S4, S5, S5-HC

M2-S2, S3, S5, S5-HC

M3-S1, S2, S2-HC, S3, S4, S4-HC, S5 M4-S2-HC

Unit 7: M3-S1, S2, S2-HC

Unit 8: M2-S1, S2-HC

Oct: CG

Jan: CG

1.N.2.2 Determine if equations involving addition and subtraction are true.

Unit 2: M1-S3, S4-WP2B M2-S4

Unit 3: M1-S5 M2-S4, S5-HC M4-S1, S2, S2-HC, S3, S4, S5, S5-HC

Unit 5: M2-S5-HC

Unit 6: M1-S2 M3-S3, S3-WP6C, S4-HC, S5

Sep: DS

Oct: DS

Nov: DS

Dec: DS

Jan: CG, DS

Feb: DS

Mar: CF

1.N.2.3 Demonstrate fluency with basic addition facts and related subtraction facts up to 10.

Unit 1: M1-S1-WP1C M2-S2, S2-HC, S3, S5, S5-HC, S5-WP1G M3-S1, S2, S2-HC, S4
M4-S1, S2-HC, S4

Unit 2: M1-S1, S2, S2-WP2A, S3, S4, S4-WP2B, S5, S5-HC

M2-S1, S2, S2-HC, S3, S3-WP2C, S4, S5

M3-S1, S2, S2-HC, S2-WP2D, S3, S3-WP2E, S4, S4-WP2F, S5, S5-HC

M4-S2-HC

Unit 3: M1-S1, S1-WP3A, S2, S2-HC, S2-WP3B, S3, S4, S4-WP3C, S5-HC

M2-S1, S1-WP3D, S2, S2-HC, S3, S4, S5, S5-HC, S5-WP3E

M3-S1, S2, S2-HC, S3, S4, S4-WP3F, S5, S5-HC M4-S1, S2, S2-HC, S5, S5-HC

Unit 4: M1-S2, S2-HC, S3, S4, S4-WP4A, S5, S5-HC

M3-S1-WP4C, S2-HC, S5-HC M4-S2-HC

Unit 5: M1-S2-HC M2-S5-HC M3-S1, S2-HC, S5-HC

Unit 6: M1-S1, S2, S2-HC, S3, S4, S4-WP6A, S5, S5-HC

M2-S1, S2, S2-HC, S3, S4, S4-WP6B, S5, S5-HC

M3-S1, S2, S2-HC, S3, S3-WP6C, S4, S4-HC, S5

M4-S2-HC

Unit 7: M1-S2-HC, S5-HC M3-S2, S2-HC

Unit 8: M2-S1, S2, S3, S4-WP8B

Sep: DS, CF, NL

Oct: CG, CF

Nov: CF

Dec: DS, CF

Jan: CG, CF

Feb: CF

Mar: CF



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Oklahoma Academic Standards for Mathematics Correlations (continued)

NUMBER & OPERATIONS

1.N.3 Develop foundational ideas for fractions.

1.N.3.1 Partition a regular polygon using physical models and recognize when those parts are equal.

Unit 2: M4-S1

Unit 5: M3-S3, S4, S5, S5-HC, S6 M4-S3-HC

Unit 7: M3-S3

Unit 8: M1-S4, S5 M2-S1 M3-S1, S5-HC

Nov: CG, CC

Mar: CG

Apr: CG

May: CC

1.N.3.2 Partition (fair share) **sets of objects** into equal groups.

Unit 2: M4-S1

Unit 5: M3-S3, S4, S5, S5-HC, S6 M4-S3-HC

Unit 7: M3-S3

Unit 8: M1-S4, S5 M2-S1 M3-S1, S5-HC

Nov: CG, CC

Mar: CG

Apr: CG

May: CC

1.N.4 Identify coins and their values.

1.N.4.1 Identifying pennies, nickels, dimes, and quarters by name and value.

Unit 1: M3-S3

Unit 2: M4-S4, S5

Unit 7: M4-S4, S5

Sep: CC

Jan: CC

Mar: CC

1.N.4.2 Write a number with the cent symbol to describe the value of a coin.

Unit 7: M4-S4, S5

May: CC

1.N.4.3 Determine the value of a collection of pennies, nickels, or dimes up to one dollar counting by ones, fives, or tens.

Unit 2: M4-S4, S5

Unit 3: M2-S2

Unit 7: M4-S1, S4, S5

Mar: CC

May: CC

ALGEBRAIC REASONING & ALGEBRA

1.A.1 Identify patterns found in real-world and mathematical situations.

1.A.1.1 Identify, create, complete, and extend repeating, growing, and shrinking patterns with quantity, numbers, or shapes in a variety of real-world and mathematical contexts.

Unit 2: M4-S1, S2, S3

Unit 8: M2-S1, S2, S3, S4

Sept-May: CG



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Oklahoma Academic Standards for Mathematics Correlations (continued)

GEOMETRY & MEASUREMENT

1.GM.1 Recognize, compose, and decompose two- and three-dimensional shapes.

1.GM.1.1 Identify **trapezoids and hexagons** by pointing to the shape when given the name.

Unit 5: M1–S1, S2, S2-HC, S3, S4, S5 **M2–S1, S2, S3, S4, S4-WP5C, S5, S5-HC, S5-WP5D**
M3–S1, S3, S4, S6, S7 M4–S1, S1-HC, S1-WP5E, S2, S3, S3-HC

Dec: CG
Feb: CG
Apr: CG

1.GM.1.2 Compose **and decompose** larger shapes using smaller two-dimensional shapes.

Unit 1: M1–S1-WP1B, S3-WP1D, S3-WP1E
Unit 2: M3–S2-HC **M4–S1, S2**
Unit 5: M1–S3, S3-WP5A, S4, S4-WP5B, S5, S5-HC **M2–S2-HC, S4, S5 M3–S1, S2, S7 M4–S1-HC**

Oct: CC
Dec: CG

1.GM.1.3 Compose structures with three-dimensional shapes.

Unit 1: M1–S1-WP1B, S3-WP1D, S3-WP1E
Unit 2: M3–S2-HC **M4–S1, S2**
Unit 5: M1–S3, S3-WP5A, S4, S4-WP5B, S5, S5-HC **M2–S2-HC, S4, S5 M3–S1, S2, S7 M4–S1-HC**

Oct: CC
Dec: CG

1.GM.1.4 **Recognize** three-dimensional shapes such as cubes, cones, cylinders, and spheres.

Unit 1: M1–S1-WP1B, S3-WP1D, S3-WP1E
Unit 2: M3–S2-HC **M4–S1, S2**
Unit 5: M1–S3, S3-WP5A, S4, S4-WP5B, S5, S5-HC **M2–S2-HC, S4, S5 M3–S1, S2, S7 M4–S1-HC**

Oct: CC
Dec: CG

1.GM.2 Select and use nonstandard and standard units to describe length and volume/capacity.

1.GM.2.1 Use nonstandard and standard measuring tools to measure the length of objects to reinforce the continuous nature of linear measurement.

Unit 1: M1–S1-WP1A M3–S5 **M4–S2, S2-WP1I, S3**
Unit 4: M4–S1, S2, S3, S4, S5
Unit 6: M4–S1, S2, S3
Unit 7: M3–S1, S2
Unit 8: M3–S2, S2-HC, S3, S5 **M4–S1, S3, S4**

Apr: CC

1.GM.2.2 Illustrate that the length of an object is the number of same-size units of length that, when laid end-to-end with no gaps or overlaps, reach from one end of the object to the other.

Unit 1: M1–S1-WP1A **M3–S5 M4–S2, S2-WP1I, S3**
Unit 4: M4–S1, S2, S3, S4, S5
Unit 6: M4–S1, S2, S3
Unit 7: M3–S1, S2
Unit 8: M3–S2, S2-HC, S3, S5 **M4–S1, S3, S4**

Apr: CC



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Oklahoma Academic Standards for Mathematics Correlations (continued)

GEOMETRY & MEASUREMENT	
1.GM.2.3 Measure the same object/distance with units of two different lengths and describe how and why the measurements differ.	
Unit 4: M4-S2, S3, S4 Unit 6: M4-S1, S2, S3, S4	Apr: CC
1.GM.2.4 Describe a length to the nearest whole unit using a number and a unit.	
Unit 1: M1-S1-WP1A M3-S5 M4-S2, S2-WP1I, S3 Unit 4: M4-S1, S2, S3, S4, S5 Unit 6: M4-S1, S2, S3 Unit 7: M3-S1, S2 Unit 8: M3-S2, S2-HC, S3, S5 M4-S1, S3, S4	Apr: CC
1.GM.2.5 Use standard and nonstandard tools to identify volume/capacity. Compare and sort containers that hold more, less, or the same amount.	
<i>Consider using this Supplement Set</i>	
1.GM.3 Tell time to the half and full hour	
1.GM.3.1 Tell time to the hour and half-hour (analog and digital).	
Unit 3: M2-S5, S5-WP3E Unit 7: M4-S2-HC Unit 8: M1-S2, S5-HC M4-S2-HC	Nov: CC Dec: CC Mar: CG



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Oklahoma Academic Standards for Mathematics Correlations (continued)

DATA & PROBABILITY

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

1.D.1.1 Collect, sort, and organize data in up to three categories using representations (e.g., tally marks, tables, Venn diagrams).

Unit 1: M1–S2 M2–S4, S4-WP1F M3–S3, S3-WP1H, S5-HC M4–S5-HC
 Unit 2: M3–S3, S3-WP2E, S4, S4-WP2F
 Unit 3: M1–S1, S1-WP3A M2–S5, S5-WP3E
 Unit 4: M4–S1
 Unit 5: M1–S1, S2 M2–S2 M4–S2, S2-WP5F
 Unit 7: M4–S2-HC
 Unit 8: M1–S3 M3–S4, S6 M4–S3

Sep: CC
 Oct: CC
 Jan: CC
 Feb: CC
 Mar: CC
 Apr: CC

1.D.1.2 Use data to create picture and bar-type graphs to demonstrate one-to-one correspondence.

Unit 1: M1–S2 M2–S4, S4-WP1F M3–S3, S3-WP1H, S5-HC M4–S5-HC
 Unit 2: M3–S3, S3-WP2E, S4, S4-WP2F
 Unit 3: M1–S1, S1-WP3A M2–S5, S5-WP3E
 Unit 4: M4–S1
 Unit 5: M1–S1, S2 M2–S2 M4–S2, S2-WP5F
 Unit 7: M4–S2-HC
 Unit 8: M1–S3 M3–S4, S6 M4–S3

Sep: CC
 Oct: CC
 Jan: CC
 Feb: CC
 Mar: CC
 Apr: CC

1.D.1.3 Draw conclusions from picture and bar-type graphs.

Unit 1: M1–S2 M2–S4, S4-WP1F M3–S3, S3-WP1H, S5-HC M4–S5-HC
 Unit 2: M3–S3, S3-WP2E, S4, S4-WP2F
 Unit 3: M1–S1, S1-WP3A M2–S5, S5-WP3E
 Unit 4: M4–S1
 Unit 5: M1–S1, S2 M2–S2 M4–S2, S2-WP5F
 Unit 7: M4–S2-HC
 Unit 8: M1–S3 M3–S4, S6 M4–S3

Sep: CC
 Oct: CC
 Jan: CC
 Feb: CC
 Mar: CC
 Apr: CC