

Bridges Kindergarten Correlations to Oklahoma Mathematics Standards

MATHEMATICS CONTENT STANDARD 1: PATTERNS

The student will sort and classify objects and analyze simple patterns.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Sort and group objects into a set and explain verbally what the objects have in common (e.g., color, size, shape).	Volume 1, Sessions 1, 3, 5, 7, 9–12, 14, 20, 24, 33, 35–36, 44, 45, 53, 54 Volume 1, pages 34, 35 (Work Places 1B and 1C) Volume 1, pages 72–73 (HC 2) Volume 1, pages 95–96 (Ladybugs, Spiders & Ants: A Sorting Worksheet) Volume 2, Sessions 88– 91, 116 Volume 2, pages 424–425 (HC 22)	September Calendar Grid	Bridges Practice Book, pages 33, 34, 72	Informal Bridges Practice Book, pages 33, 34, 72
				Formal Getting Started, pages 68–69 and 71–72 (Interviews 1 & 3) Getting Started, pages 75–76 (Assessment Worksheet 1)
2. Explain verbally and extend simple patterns.	Volume 1, Sessions 15, 21, 22, 38, 39, 49, 52 Volume 2, Sessions 101, 103 Volume 2, pages 393–396 (Frog & Toad Eyes) Volume 2, pages 397–399 (Frog Quilt)	September–May Calendar Grid	Set B1 Algebra: Patterns, Activities 1, 2 and 3 Set D7 Measurement: Coins Calendar Pattern Set D8 Measurement: Measuring Tools Calendar Pattern Bridges Practice Book, pages 12, 17, 52	Informal Bridges Practice Book, pp 12, 17, 52
				Formal Getting Started, page 83 (Assessment Worksheet 5)

MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE

The student will understand the relationship between numbers and quantities.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Compare a group or set to another group, set or numerical quantity and verbally explain which has more, less or equivalent quantities.	Volume 1, Sessions 5, 7, 16, 17, 28, 29, 40, 46, 50, 51 Volume 2, Sessions 57, 63–65, 92, 93, 97, 99, 106	October Our Month in School November Our Month in School March Our Month in School April Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 3, 6 Bridges Practice Book, pages 26, 28, 30, 31	Informal Volume 1, page 137 & 172 (Instructional Considerations) Volume 2, page 256 (Instructional Considerations) Volume 2, pages 309–310 and 313–314 (Assessment by Observation, Blacklines 2.3 and 2.5) Bridges Practice Book, pages 26, 28, 30, 31
				Formal Getting Started, pages 81–82 (Assessment Worksheet 4)

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MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE				
The student will understand the relationship between numbers and quantities.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
2. Pair and count objects using one-to-one correspondence (e.g., one napkin for each child at snack time).	Volume 1, Sessions 4, 5, 7, 16, 17, 28, 29 Volume 2, Sessions 57, 64, 65, 84, 85, 92	December Kid Count January Kid Count January Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 3, 4, 6	Formal Getting Started, pages 68 and 69 (interview 1)
3. Count forward to twenty and backward from ten.	Volume 1, Sessions 4, 10, 19, 20, 25, 31, 49, 50, 52 Volume 1, pages 97–98 (Spider Countdown) Volume 2, Session 57, 59, 61–64, 68, 84, 85, 92, 94, 97, 99, 101 Volume 2, pages 395–396 (Frog & Toad Eyes Chart)	October–May A Link Each School Day December Kid Count January Kid Count January Our Month in School February Day 100 Activities	Set A1 Number & Operations: Counting on the Number Line, Activities 1, 2 & 3 Set A4 Number & Operations: Addition & Subtraction, Activities 1, 3, 4, 6 Bridges Practice Book, pages 8, 9, 17, 18, 19, 20, 27, 32, 35, 37, 38, 39, 48, 49, 50, 51, 60, 63, 67	Informal Volume 1, page 137 (IC for Beat You to Ten) Volume 2, page 256 (IC for Beat You to 20), page 384 (IC for Frog Handfuls) Bridges Practice Book, pages 8, 9, 17, 18, 19, 20, 27, 32, 35, 37, 38, 39, 48, 49, 50, 51, 60, 63, 67
				Formal Getting Started, pages 68–69 (Interview 1), page 70 (Interview 2)
4. Count objects in a set one-by-one from one through ten.	Volume 1, Sessions 4, 5, 7, 16, 17, 19, 23, 25–27, 30, 40, 43, 50, 51, 55, 56	December Our Month in School January Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 2, 3, 4, 6 Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 10, 11, 13, 14, 18, 19, 20, 26, 30, 31, 36	Informal Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 10, 11, 13, 14, 18, 19, 20, 26, 30, 31, 36
				Formal Getting Started, pages 68–69 (Interview 1), page 70 (Interview 2), pages 79–80 (Assessment Worksheet 3)
5. Identify and create sets of objects zero through ten.	Volume 1, Sessions 23, 25–29, 43, 50, 51, 55, 56 Volume 1, page 216 (HC 11) Volume 2, Sessions 57, 64, 65, 99		Set A4 Number & Operations: Addition & Subtraction, Activities 1, 2, 3, 4, 6 Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 18, 19, 26, 30, 31, 36	Informal Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 18, 19, 26, 30, 31, 36
				Formal Getting Started, pages 79 & 80 (Assessment Worksheet 3)

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MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE				
The student will understand the relationship between numbers and quantities.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
6. Identify and write numerals zero through ten, in and out of sequence.	Volume 1, Sessions 19, 23, 25–30, 43, 46, 52, 55, 56 Volume 1, pages 97-98 (Spider Countdown), page 196 (Home Connection 10) Volume 2, Sessions 57, 62, 65, 68, 69, 74, 75, 99, 101, 103, 105, 106 Volume 2, pages 337-339 (Work Place 2G), page 345 (Home Connection 17)	September–May Calendar Grid September Our Month in School November Writing Today's Date December, January Kid Count February Day 100 Activities	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 2, 3, 4, 6, 7, 8 Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18, 19, 22, 23, 24, 26, 27, 28, 30, 31, 32, 35, 50, 51	<p>Informal Volume 2, pages 309–310 and 313–314 (Assessment by Observation, Blacklines 2.3–2.5), page 384 (IC for Frog Handfuls) Bridges Practice Book, pages 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18, 19, 22, 23, 24, 26, 27, 28, 30, 31, 32, 35, 50, 51</p> <p>Formal Getting Started, pages 73–74 (Interview 4), pages 79–80 (Assessment Worksheet 3), page 83 (Assessment Worksheet 5)</p>
7. Identify the ordinal position (first through fifth) of objects.	Volume 1, Session 3	October Calendar Grid November Calendar Grid March Calendar Grid (page 236)	Set A1 Number & Operations: Counting on the Number Line, Activities 1 and 2 Set A4 Number & Operations: Addition & Subtraction, Activities 2 and 4 Set D7 Measurement: Coins Calendar Pattern Bridges Practice Book, page 70	<p>Informal Bridges Practice Book, page 70</p>
8. Combine and remove objects from sets and verbally describe the result (e.g., adding objects to a set makes the set larger, subtracting objects from a set makes the set smaller).	Volume 1, Sessions 25, 28, 29, 31, 40, 49 Volume 1, pages 97–100 (Continuing to Count on Bugs) Volume 2, Sessions 57, 58, 73–75, 79, 80, 82, 83, 105, 106, 109, 110, 115, 116	March Our Month in School April Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 3, 4, 5, 6, 7, 8 Bridges Practice Book, pp 22, 23, 24, 25, 40, 41, 42, 43, 44, 46, 53, 54, 56, 57, 58, 62, 65, 69, 70, 71	<p>Informal Volume 2, pages 348–350 (Sea Creature Problems: Finishing Up) Volume 2, pages 470–471 (Instructional Considerations for Frog Problems) Bridges Practice Book, pp 22, 23, 24, 25, 40, 41, 42, 43, 44, 46, 53, 54, 56, 57, 58, 62, 65, 69, 70, 71</p>

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MATHEMATICS CONTENT STANDARD 3: GEOMETRY AND SPATIAL SENSE				
The student will identify common geometric shapes and explore the relationship of objects in the environment.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Identify, compare and draw basic two-dimensional geometric shapes (e.g., circle, square, triangle, rectangle).	Volume 1, Sessions 1, 3, 5, 7, 9–12, 14, 24, 33, 35, 36, 44, 45, 53, 54 Volume 1, pages 34–35 (Work Places 1B and 1C) Volume 1, pages 46, 69, 149, and 181 (Technology Connections 1, 2, 3, and 4) Volume 2, Sessions 117–120 Volume 2, pages 424–425 (Home Connection 22)	September Calendar Grid	Bridges Practice Book, pp 7, 8, 9, 12, 17, 33, 34, 52	Informal Volume 1, page 155 (Instructional Considerations for Hungry Caterpillars) Volume 2, page 501 (Instructional Considerations for Fill It First!) Bridges Practice Book, pp 7, 8, 9, 12, 17, 33, 34, 52
				Formal Getting Started, pages 68–69 (Interview 1) Getting Started, pages 75–76 (Assessment Worksheet 1)
2. Model and use words indicating relative position or direction.	Volume 1, Sessions 3, 24, 56	November Calendar Grid	Set C2 Geometry: Locations, Activities 1, 2 and 3	

MATHEMATICS CONTENT STANDARD 4: MEASUREMENT				
The student will explore the concepts of nonstandard and standard measurement.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Measure objects using nonstandard units of measurement (e.g., pencil, paper clip, block).	Volume 1, pages 32–33 (WP 1A) Volume 2, Sessions 94, 95, 133, 114		Bridges Practice Book pp 67	
2. Compare objects according to observable attributes (e.g., long, longer, longest; short, shorter, shortest; big, bigger, biggest; small, smaller, smallest; small, medium, large).	Volume 1, Session 2 Volume 1, pages 32–33 (WP 1A) Volume 2, Sessions 94, 95, 113, 114 Volume 2, page 410 (HC 21)		Set D1 Measurement: Length, Activities 1, 2 and 3 Set D2 Measurement: Weight, Activities 1, 2 and 3 Set D3 Measurement: Capacity, Activities 1, 2 and 3 Set D5 Measurement: Temperature, Activities 1, 2 and 3 Bridges Practice Book pages 28, 29, 30, 67	Informal Bridges Practice Book pp 28, 29, 30, 67
				Formal Getting Started, pages 71–72 (Interview 3), page 75 (Assessment Worksheet 1)

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MATHEMATICS CONTENT STANDARD 4: MEASUREMENT				
The student will explore the concepts of nonstandard and standard measurement.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
3. Compare and order objects in graduated order (e.g., shortest to tallest, thinnest to thickest).			Set D1 Measurement: Length, Activities 1 and 3 Set D3 Measurement: Capacity, Activity 1	
4. Identify the appropriate instrument used to measure length (ruler), weight (scale), time (clock: digital and analog; calendar: day, month, year, season), and temperature (thermometer).		September-May Calendar Grid March, April, May Bean Clock	Set D2 Measurement: Weight, Activities 1, 2 and 3 Set D5 Measurement: Temperature, Activities 1, 2 and 3 Set D8 Measurement: Measuring Tools Calendar Pattern Bridges Practice Book, pages 47, 55	
5. Tell time on digital and analog clocks to the hour.		March, April, May Bean Clock	Practice Book, page 55	Informal Practice Workbook, page 55
6. Identify the days of the week and months of the year.		September – May Calendar Grid September – May Here’s When We Were Born		Informal Record observations during Calendar Grid discussions
				Formal Getting Started, pages 68–69 (Interview 1)
7. Identify the coins penny, nickel, dime and quarter.	Volume 1, Sessions 50, 51 Volume 1, pages 206-207 (Work Place 1P) Volume 2, Sessions 64, 65, 99, 103 Volume 2, pages 288, 294-295, 342-345, 421-422 (Work Places 2D, 2E, 2H, 2M)	February Our Month in School (page 182)	Set A1 Number & Operations: Counting on the Number Line, Activity 1 Set D7 Measurement: Coins Calendar Pattern Bridges Practice Book, pages 45, 61	Informal Volume 2, page 288 (Instructional Considerations for Sock Boxes & Coins: Beat You to 20¢) Volume 2, page 295 (Instructional Considerations fro Race You to 15¢) Volume 2, page 422 (Instructional Considerations for Race You to 30¢) Bridges Practice Book, pages 45, 61
				Formal Getting Started, pages 72 & 74 (Interviews 3 & 4)

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MATHEMATICS CONTENT STANDARD 5: DATA ANALYSIS				
The student will collect and analyze data in a group setting.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Collect and analyze information about objects and events in the environment.	Volume 1, Sessions 5, 7, 17, 20, 46 Volume 2, Sessions 72, 90	October Our Month in School November Our Month in School December Calendar Grid March Our Month in School April Our Month in School May Here's When We Were Born	Set D1 Measurement: Length, Activity 2 Set D2 Measurement: Weight, Activity 2 Bridges Practice Book, page 54	Informal Bridges Practice Book, page 54
2. Create and verbally explain a data display or graph (e.g., real object graph, pictorial graphs).	Volume 1, Sessions 5, 7, 17, 20, 46 Volume 2, Sessions 72, 90	October Our Month in School November Our Month in School December Calendar Grid March Our Month in School April Our Month in School May Here's When We Were Born	Set D1 Measurement: Length, Activity 2 Set D2 Measurement: Weight, Activity 2 Bridges Practice Book, page 54	Informal Bridges Practice Book, page 54