

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards

MATHEMATICS CONTENT STANDARD 1: ALGEBRAIC REASONING – PATTERNS AND RELATIONSHIPS

The student will use algebraic methods to describe patterns and solve problems in a variety of contexts.

Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Describe rules that produce patterns found in tables, graphs, and models, and use variables to solve problems or to describe general rules in algebraic expression or equation form.	Unit 1, Sessions 5, 6, 16–18 Unit 3, Session 6 Unit 7, Sessions 2, 4–7	Home Connections, Vol. 1: HC's 2, 3, 8, 23, 24, 25 Home Connections, Vol. 2: HC 61, 62, 63, 64	September–May Calendar Grid November Problem Solving February Problem Solving Number Corner Student Book pages 102–105, 112–115, 120–123	Bridges Practice Book, pages 123, 124, 125, 126, 128	Informal Unit 1, Sessions 6, 18 (Work Samples) Unit 7, Sessions 5, 7, 12 (Work Samples)
					Formal Unit 1, Sessions 4 & 21 (Unit Pre- and Post-Assessments) Unit 7, Sessions 3 & 16 (Unit Pre- and Post-Assessments)
2. Use algebraic problem-solving techniques to solve problems.	Unit 1, Sessions 13–15 Unit 7, Sessions 1, 2, 9–13 Unit 7, page 972 (Challenge)	Home Connections, Vol. 1 HC's 7, 8 Home Connections, Vol. 2 HC's 59, 60, 61, 65	May Calendar Grid	Set B1 Algebra: Diagrams & Equations, Activity 1 and Ind. Worksheets 1 & 2 Bridges Practice Book, pages 11, 121	Formal Unit 1, Sessions 4 & 21 (Unit Pre- and Post-Assessments) Unit 7, Sessions 3 & 16 (Unit Pre- and Post-Assessments)
3. Recognize and apply the commutative, associative, and distributive properties to solve problems.	Unit 1, Sessions 7, 13, 14 Unit 2, Sessions 2, 3, 5–9, 11, 13 Unit 4, Session 3 Unit 7, Sessions 1, 2	Home Connections, Vol. 1 HC's 6, 7, 13, 14, 17, 18, 33, 41 Home Connections, Vol. 2 HC's 42, 47, 48,	January Computational Fluency	Set A8 Number & Operations: Whole Number Properties, Activity 1 and Ind. Worksheets 1 & 2 Bridges Practice Book, pages 4, 12, 19, 22, 24, 62, 63, 122	Informal Set A8 Number & Operations: Whole Number Properties, Independent Worksheet 2

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE & OPERATION					
The student will use numbers and number relationships to acquire basic facts. The student will estimate and compute with whole numbers, fractions, and decimals.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1a. Apply the concept of place value of whole numbers through hundred millions (9 digits) and model, read, and write decimal numbers through the thousandths.	Unit 2, Sessions 1, 2 Unit 6, Sessions 8–12 Unit 6, pages 887–890 and 894–895 (Work Place 6C) Unit 7, Session 8	Home Connections, Vol. 2: HC's 53, 54, 58	November, December, and March Computational Fluency April Calendar Collector	Set A7 Number & Operations: Place Value to Billions, Independent Worksheets 1, 2 & 3 Bridges Practice Book, pages 111, 112, 113, 130	Formal Unit 1, pages 39–43 (Individual Interview) Unit 6, Sessions 1 & 19 (Unit Pre- and Post-Assessments) Number Corner Teacher's Guide, Vol. 1 & 2, pages 57–60, 110–114 232–236, 320–324, 400–404 (Baseline Assessment, Checkups 1, 2, 3 & 4)
1b. Represent with models the connection between fractions and decimals, compare and order fractions and decimals, and be able to convert from one representation to the other to solve problems.	Unit 6, Sessions 2, 3, 8–13, 15, 16	Home Connections, Vol. 1: HC's 37, 41 Home Connections, Vol. 2: HC's 50, 51, 53, 54, 55, 57, 58	November Calendar Grid February Calendar Grid March Computational Fluency	Bridges Practice Book, pages 71, 73, 75, 84, 103, 104, 105, 106, 111, 112, 113, 130, 135	Formal Unit 6, Sessions 1 & 19 (Unit Pre- and Post-Assessments) Number Corner Teacher's Guide, Vol. 1 & 2, pages 57–60, 232–236, 320–324, 400–404 (Baseline Assessment, Checkups 2, 3 & 4)
1c. Identify and compare integers using real world situations.	Unit 7, page 986 (second paragraph below illustration)			A10 Number & Operations: Integers, Activities 1–3 and Independent Worksheets 1–3	
1d. Identify and apply factors, multiples, prime, and composite numbers in a variety of problem-solving situations.	Unit 1, Session 9, 11, 12 Unit 6, Sessions 5, 7	Home Connections, Vol. 1: HC 5 Home Connections, Vol. 2: HC 51	September & October Computational Fluency December Problem Solving February Calendar Grid March Problem Solving Number Corner Student Book, pages 10, 136–137, 139–140	Set A6 Number & Operations: Fraction Concepts, Activities 1 & 2 and Ind. Worksheets 1, 2 & 3 Bridges Practice Book, pages 2, 3, 6, 7, 8, 13, 15, 19, 33, 89, 101, 102, 103, 104, 106, 108, 117, 127, 129, 135	Informal Bridges Practice Book, pages 3, 15, 89 Formal Unit 1, Sessions 4 & 21 (Unit Pre- and Post-Assessments) Number Corner Teacher's Guide, Vol. 1 & 2, pages 57–60, 400–404 (Baseline Assessment, Checkup 4)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE & OPERATION					
The student will use numbers and number relationships to acquire basic facts. The student will estimate and compute with whole numbers, fractions, and decimals.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
2a. Estimate, add, or subtract decimal numbers with same and different place values to solve problems.	Unit 6, Session 14 Unit 6, pages 887–890 and 894–895 (Work Place 6C)	Home Connections, Vol. 2: HC's 55, 56, 58	March Computational Fluency Number Corner Student Book pages 167, 175	Bridges Practice Book, pages 112, 113, 114, 115, 116, 118, 119, 120, 130, 137, 138	Informal Bridges Practice Book, pages 114, 115, 137
					Formal Unit 4, Sessions 1 & 23 (Unit Pre- and Post-Assessments) Unit 6, Sessions 1 & 19 (Unit Pre- and Post-Assessments) Number Corner Teacher's Guide, Vol. 2, pages 320–324, 400–404 (Check-ups 3 & 4)
2b. Estimate, add, or subtract fractions (including mixed numbers) to solve problems using a variety of methods.	Unit 4, Sessions 11–16, 19, 20–22 Unit 6, Sessions 5–7, 14 Unit 6, page 890 (Challenge) Unit 6, page 895 (Challenge)	Home Connections, Vol. 1: HC's 23, 40, 41 Home Connections, Vol. 2: HC 51, 52, 56, 58	November Calendar Grid November Calendar Collector March & April Computational Fluency Number Corner Student Book, page 58	Bridges Practice Book, pages 76, 77, 78, 79, 80, 103, 104, 106, 107, 108, 109, 110, 127, 129, 133, 134, 135	Informal Unit 4, Sessions 15, 16 (Work Samples) Unit 6, Sessions 6, 14 (Work Samples) Bridges Practice Book, pages 76, 77, 107, 108, 109, 110, 127, 129, 133, 135
					Formal Unit 4, Sessions 1 & 23 (Unit Pre- and Post-Assessments) Unit 6, Sessions 1 & 19 (Unit Pre- and Post-Assessments and Student Reflection Sheet) Number Corner Teacher's Guide, Vol. 1 & 2, pages 57–60, 320–324, 400–404 (Baseline Assessment, Check-ups 3 & 4)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE & OPERATION					
The student will use numbers and number relationships to acquire basic facts. The student will estimate and compute with whole numbers, fractions, and decimals.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
2c. Estimate and find the quotient (with and without remainders) with two-digit divisors and a two- or three-digit dividend to solve application problems.	Unit 2, Sessions 15–19 Unit 4, Sessions 2, 4–10	Home Connections, Vol. 1: HC's 19, 21, 23, 32, 35, 36, 41 Home Connections, Vol. 2: HC's 42, 47–49, 52, 60, 61	December, February & May Computational Fluency	Set A4 Number & Operations: Long Division, Activities 1 & 2 Bridges Practice Book, pages 22, 35, 37, 38, 39, 64, 66, 68, 79, 81, 85, 91, 92, 99, 100, 131	Informal Unit 2, Sessions 17 & 20 (Work Samples) Bridges Practice Book, pages 37, 38, 39, 64, 85, 91, 99, 131 Formal Unit 2, Sessions 4 & 21 (Unit Pre- and Post-Assessment, and Student Reflection Sheet) Unit 4, Session 21 (Unit Post-Assessment, and Student Reflection Sheet)

MATHEMATICS CONTENT STANDARD 3: GEOMETRY					
The student will apply geometric properties and relationships.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Compare and contrast the basic characteristics of circles and polygons (triangles, quadrilaterals, pentagons, hexagons, heptagons, octagons).	Unit 3, Sessions 1–4, 6–8, 11–14, 16, 17 Unit 8, Sessions 1, 2, 10	Home Connections, Vol. 1: HC's 24, 27, 29 Home Connections, Vol. 2: HC's 66, 67, 68	September Calendar Grid October Calendar Grid December Calendar Grid May Calendar Grid	Set C1 Geometry: Triangles & Quadrilaterals, Activities 1 & 2 and Independent Worksheets 1, 2, 3 & 4 Bridges Practice Book, pages 41, 42, 43, 44, 48, 97, 139, 140	Formal Unit 3, Sessions 5 & 22 (Unit Pre- and Post-Assessments and Student Reflection Sheet)
2. Classify angles (e.g., acute, right, obtuse, straight).	Unit 3, Sessions 2, 6, 8, 9, 10, 13, 14, 17 Unit 8, Session 1		September Calendar Grid May Calendar Grid	Bridges Practice Book, pages 41, 43, 44, 140	Formal Unit 3, Sessions 5 & 22 (Unit Pre- and Post-Assessments)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 4: MEASUREMENT					
The student will use appropriate units of measure to solve problems in a variety of contexts.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1a. Compare, estimate, and determine the measurement of angles.	Unit 3, Sessions 6–10, 13–16 Unit 8, Sessions 1, 10, 11	Home Connection, Vol. 1: HC's 25, 26	September Calendar Grid May Calendar Grid Number Corner Student Book, pages 180–181, 197	Bridges Practice Book, pages 43, 44	Informal Unit 3, Session 9 (Work Sample)
					Formal Unit 3, Sessions 5 & 22 (Unit Pre- and Post-Assessments and Student Reflection Sheet)
1b. Develop and use the formula for perimeter and area of a square and rectangle to solve application problems.	Unit 1, Session 7 Unit 2, Sessions 1, 2 Unit 3, Sessions 1, 3, 4, 16	Home Connections, Vol. 1: HC's 11, 13, 18, 20 Home Connections, Vol. 2: HC 65	October Calendar Grid March Problem Solving	Set D1 Measurement: Area & Perimeter, Activities 1–4, and Ind. Worksheets 1, 2 Bridges Practice Book, pages 20, 40, 45, 46, 48, 51	Formal Unit 2, Sessions 4 & 21 (Unit Pre- and Post-Assessments) Number Corner Teacher's Guide, Vol. 2, pages 232–236, 400–404 (Check-ups 2, 4)
1c. Convert basic measurements of volume, mass and distance within the same system for metric and customary units.	Unit 1, Session 1 Unit 2, Session 2 Unit 4, Sessions 6, 9 Unit 4, page 553 (WP 4C) Unit 6, Session 13 Unit 7, Session 8	Home Connections, Vol. 1: HC's 11, 15, 18 Home Connections, Vol. 2: HC 62	November Calendar Collector March Calendar Grid	Bridges Practice Book, pages 27, 72, 74	Formal Number Corner Teacher's Guide, Vol. 2, pages 232–236, (Checkup 2)
2. Solve a variety of problems involving money.	Unit 2, Sessions 8, 11, 12, 14	Home Connections, Vol. 1: HC's 4, 14, 18, 32, 35, 37 Home Connections, Vol. 2: HC's 52, 53, 57, 58, 64		Bridges Practice Book, pages 10, 14, 16, 18, 26, 28, 32, 34, 38, 39, 70, 100, 120, 132	Number Corner Teacher's Guide, Vol. 2, pages 320–324, 400–404 (Check-ups 3 & 4)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 5: DATA ANALYSIS					
The student will use data analysis, statistics and probability to interpret data in a variety of contexts.					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1a. Compare and translate displays of data and justify the selection of the type of graph.	Unit 1, Sessions 3, 20 Unit 5, Sessions 1, 3–5, 14, 17 Unit 7, Session 15 Unit 8, Sessions 6, 8	Home Connections, Vol. 2: HC's 47, 48	September, December, January & February Calendar Collector	Bridges Practice Book, pages 88, 94, 96	Formal Unit Pre- & Post-Assessments Unit 1, Sessions 4 & 21 Unit 5, Sessions 2 & 19 Unit 8, Session 12 Number Corner Teacher's Guide, Vol. 2, pages 57–60, 232–236 (Baseline Assess- ment, Checkup 2)
1b. Formulate questions, design investigations, consider samples, and collect, organize, and analyze data using observation, measurement, surveys, or experiments.	Unit 1, Sessions 3, 18, 20 Unit 5, Sessions 1, 3–16 Unit 7, Sessions 4–7, 15 Unit 8, Sessions 3–9	Home Connections, Vol. 2: HC's 43, 47, 48, 64, 69	September–October and December–March Calendar Collector	Set E1 Data Analysis: Prob- ability & Technology, Activi- ties 1 & 2 and Independent Worksheet 1	Formal Unit Pre- and Post-Assess- ments Unit 5, Sessions 2 & 19 Unit 8, Session 12
2a. Determine the probability of events occurring in familiar contexts or experiments and express probabilities as fractions from zero to one.	Unit 5, Sessions 6–8, 10–15	Home Connections, Vol. 2: HC's 45, 46	September & February Calendar Collector	Set E1 Data Analysis: Prob- ability & Technology, Activi- ties 1 & 2 and Independent Worksheet 1	Formal Unit 5, Sessions 2 & 19 (Unit Pre- and Post-Assessments)
2b. Use the fundamental counting principle on sets with up to four items to determine the number of possible combinations.	Unit 1, pages 136–137 (Challenge) Unit 5, Sessions 8, 10, 11	Home Connections, Vol. 2: HC 46	September Calendar Collector	Set E2 Data Analysis: Funda- mental Counting Principle, Activity 1 and Ind. Work- sheets 1–3	
3. Determine the range (spread), mode (most often), and median (middle) of a set of data.	Unit 1, Sessions 19, 20 Unit 5, Session 4, 5, 15 Unit 7, Session 15 Unit 8, Sessions 6, 8	Home Connections, Vol. 1: HC's 9, 10 Home Connections, Vol. 2: HC's 43, 47, 69	October Calendar Collector January Calendar Collector Number Corner Student Book, pages 26, 100, 101		Informal Unit 8, Session 8 (Work Sample)
					Formal Unit Pre- and Post- Assessments Unit 5, Sessions 2 & 19 Unit 8, Session 12 Number Corner Teacher's Guide, Vol. 2, pages 110–114, 232–236, 320–324, 400–404 (Checkups 1, 2, 3, and 4)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 1: PROBLEM SOLVING					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Use problem-solving approaches.	Unit 2, Sessions 8, 12 Unit 4, Sessions 10, 20 Unit 5, Sessions 9, 10, 12, 13 Unit 6, sessions 5, 6, 14 Unit 7, Sessions 7, 10-14 Unit 8, Sessions 5, 7, 9	Home Connections, Vol. 1 HC's 34, 35, 39, 40 Home Connections, Vol. 2 HC's 62, 63, 64, 65	September–May Calendar Grid September–May Problem Solving Number Corner Student Book, pages 2, 5–8, 13–14, 20–24, 28–31, 35–38, 45–48, 63–65, 69–71, 78–81, 84–87, 92–95, 102–105, 112–115, 120–123, 127–128, 132–133, 136–137, 139–140, 144–147, 150–157, 164–167, 175–178, 185–188, 193, 196	Set C1 Geometry: Triangles & Quadrilaterals, Activities 1, 2 Bridges Practice Book, pages 10, 17, 18, 20, 26, 28, 30, 32, 34, 36, 40, 52, 55, 64, 65, 70, 72, 78, 80, 86, 90, 92, 98, 100, 116, 119, 120, 123, 124, 126, 128, 132, 138	Informal Work Samples: Unit 2, Session 8 Unit 4, Session 20 Unit 5, Session 13 Unit 6, Session 14 Unit 7, Sessions 12, 14 Number Corner Teacher's Guide, Vol. 2, pages 207–212, 337–342 (Reviewing Strategies & Scoring Each Other's Work)
2. Formulate problems from everyday and mathematical situations.	Unit 2, Session 16 Unit 4, Session 4 Unit 5, Sessions 16–18 Unit 7, Session 15	Home Connections, Vol. 1 HC 6 Home Connections, Vol. 2 HC's 49, 54, 55, 56	May Problem Solving	Set A4 Number & Operations: Long Division, Activity 1 Set A10 Number & Operations: Integers, Activity 1 and Independent Worksheets 1 & 2	
3. Develop, test, and apply strategies to solve a variety of routine and non-routine problems.	Unit 1, Sessions 5–6, 10, 16, 17 Unit 3, Session 1, 6, 7, 9–11 Unit 4, Sessions 6, 10, 13, 20 Unit 5, Sessions 4, 5, 12, 13 Unit 7, Sessions 7, 10–13	Home Connections, Vol. 2: HC 65	September–May Problem Solving Number Corner Student Book, pages 2, 5–8, 13–14, 20–24, 28–31, 35–38, 45–48, 63–65, 69–71, 78–81, 84–87, 92–95, 102–105, 112–115, 120–123, 127–128, 132–133, 136–137, 139–140, 144–147, 150–157, 164–167, 175–178, 185–188, 193, 196	Set D1 Measurement: Area & Perimeter, Activities 1–4 Set E1 Data Analysis: Probability & Technology, Activities 1 & 2, and Independent Worksheet 1	Informal Unit 7, Session 14 (Poster Response Form) Number Corner Teacher's Guide, Vol. 2, pages 210–212, 258, 341–342, 377–378 (Scoring Each Other's Work)

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MATHEMATICS PROCESS STANDARD 1: PROBLEM SOLVING					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
4. Verify and interpret results with respect to the original problem.	Unit 2, Sessions 8, 14–17 Unit 3, Sessions 1, 6, 7 Unit 4, Sessions 2, 4, 5, 6, 10, 20 Unit 5, Sessions 12–15 Unit 6, Sessions 5, 6, 14 Unit 7, Sessions 7, 10–13		September–May Problem Solving Number Corner Student Book, pages 175–178, 185–188, 193–196	Bridges Practice Book, pages 10, 18, 34, 40, 64, 92, 100, 116	Informal Unit 7, Session 14 (Poster Response Form) Number Corner Teacher's Guide, Vol. 2, pages 210–212, 258, 341–342, 377–378 (Scoring Each Other's Work) Bridges Practice Book, pages 10, 18, 34, 40, 64, 92, 100, 116
5. Distinguish between necessary and irrelevant information in solving problems.	Unit 1, Sessions 5, 6, 16, 17 Unit 3, Sessions 1, 13, 14 Unit 4, Session 20 Unit 5, Sessions 12, 13 Unit 6, page 795 (Pattern Block Fraction Challenge) Unit 7, Sessions 4, 5, 7, 10–13 Unit 8, Sessions 3–5, 7		September–May Problem Solving September–May Calendar Grid	Bridges Practice Book, pages 10, 18, 34, 65, 92	Informal Bridges Practice Book, pages 10, 18, 34, 65, 92

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 2: COMMUNICATION					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Express mathematical ideas coherently and clearly to peers, teachers, and others.	Unit 1, Sessions 7, 9, 13 Unit 2, Sessions 1, 15, 18 Unit 3, Sessions 6, 10, 11, 17 Unit 5, Sessions 1, 6, 14, 15 Unit 7, Sessions 5–7, 13 Unit 8, Sessions 1, 6, 8		October, January, and April Problem Solving	Bridges Practice Book, pages 10, 17, 18, 20, 26, 28, 30, 32, 34, 36, 40, 52, 55, 64, 65, 70, 72, 78, 80, 86, 90, 92, 98, 100, 116, 119, 120, 123, 124, 126, 128, 132, 138	Informal Unit 5, Sessions 14, 18 (Poster, Work Sample) Unit 7, Sessions 5, 14 (Posters) Number Corner Teacher's Guide, Vol. 2, pages 210–212, 258, 341–342, 377–378 (Scoring Each Other's Work)
					Formal Unit Pre- and Post-Assessments Unit 1, Sessions 4, 21 Unit 2, Sessions 4, 21 Unit 3, Sessions 5, 22 Unit 4, Sessions 1, 23 Unit 5, Sessions 2, 19 Unit 6, Sessions 1, 19 Unit 7, Sessions 3, 16 Unit 8, Session 12
2. Extend mathematical knowledge by considering the thinking and strategies of others.	Unit 1, Sessions 1, 5 Unit 2, Sessions 5, 6, 8, 11, 12–14 Unit 3, Sessions 1, 3, 9, 10, 11 Unit 4, Sessions 2, 3, 5, 10, 15, 18, 20 Unit 5, Sessions 3, 5, 7, 9, 11, 12–18 Unit 6, Sessions 2, 4–6, 8, 10–12 Unit 7, Sessions 1, 2, 4–7, 10–14 Unit 8, Sessions 1, 4, 8	Home Connections, Vol. 1 HC's 1, 2, 7, 16, 32 Home Connections, Vol. 2 HC 56, 57, 63	September–May Calendar Grid September–May Problem Solving	Set A6 Number & Operations: Fraction Concepts, Activity 2 Set D1 Measurement: Area & Perimeter, Activities 1–4	Informal Number Corner Teacher's Guide, Vol. 2, pages 210–212, 258, 341–342, 377–378 (Scoring Each Other's Work)

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 2: COMMUNICATION					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
3. Relate manipulatives, pictures, diagrams, and symbols to mathematical ideas.	Unit 1, Sessions 5–8, 10, 12 Unit 2, Sessions 8, 9, 11–14, 16, 17 Unit 3, Sessions 1, 11, 13, 14 Unit 4, Sessions 2, 4–6, 10, 12–14, 17–20 Unit 5, Sessions 4, 5, 12–15 Unit 6, Sessions 3, 7, 17, 20, 21 Unit 7, Sessions 4–13 Unit 8, Sessions 1, 4	Home Connections, Vol. 2: HC 65	September–May Problem Solving Number Corner Student Book, pages 2, 5–8, 13–14, 20–24, 28–31, 35–38, 45–48, 63–65, 69–71, 78–81, 84–87, 92–95, 102–105, 112–115, 120–123, 127–128, 132–133, 136–137, 139–140, 144–147, 150–157, 164–167, 175–178, 185–188, 193, 196	Bridges Practice Book, pages 10, 17, 18, 20, 26, 28, 30, 32, 34, 36, 40, 46, 52, 54, 64, 65, 69, 70, 72, 74, 78, 80, 85, 86, 90, 91, 92, 100, 116, 119, 120, 126, 128, 132, 133, 134, 135, 136, 138	Informal Unit 7, Session 14 (Poster Response Form) Number Corner Teacher's Guide, Vol. 2, pages 210–212, 258, 341–342, 377–378 (Scoring Each Other's Work)
4. Represent, discuss, write, and read mathematical ideas and concepts. Start by relating everyday language to mathematical language and symbols and progress toward the use of appropriate terminology.	Unit 1, Sessions 5–9, 11, 13, 16–20 Unit 2, Sessions 1, 2, 15, 16 Unit 3, Sessions 3, 6–14, 17–21 Unit 5, Sessions 6–11 Unit 6, Sessions 5–7, 8–13, 15, 16 Unit 7, Sessions 1, 2, 10–13 Unit 8, Sessions 1, 2, 5–8	Home Connections, Vol. 1 HC's 2, 3	September Calendar Grid October Calendar Grid January Calendar Grid April Calendar Grid	Set A6 Number & Operations: Fraction Concepts, Activities 1, 2 and Ind. Worksheets 1–3 Set C1 Geometry: Triangles & Quadrilaterals, Activities 1, 2 and Ind. Worksheets 1–4 Set D1 Measurement: Area & Perimeter, Activities 1–4 and Ind. Worksheets 1, 2	

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MATHEMATICS PROCESS STANDARD 3: REASONING					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Explain mathematical situations using patterns and relationships.	Unit 3, Sessions 1, 3, 18, 20 Unit 4, Sessions 7, 10 Unit 5, Sessions 1, 4, 5, 8, 11, 13–15, 17 Unit 7, Session 4–13 Unit 8, Sessions 6, 8	Home Connections, Vol. 1 HC's 2, 3, 5, 8, 14, 24, 27 Home Connections, Vol. 2 HC's 42, 43, 61, 62, 64, 65, 66, 69	September–October Calendar Collector December–March Calendar Collector	Set E1 Data Analysis: Probability & Technology, Activities 1 & 2, and Independent Worksheet 1 Bridges Practice Book, pages 38, 87, 88, 93, 95, 116, 120, 123, 124, 128, 136	Formal Unit Pre- and Post-Assessments Unit 1, Sessions 4, 21 Unit 3, Sessions 5, 22 Unit 4, Sessions 1, 23 Unit 5, Sessions 2, 19 Unit 6, Sessions 1, 19 Unit 7, Sessions 3, 16 Unit 8, Session 12
2. Demonstrate thinking processes using a variety of age-appropriate materials and reasoning processes.	Unit 1, Sessions 2, 3, 5, 6, 10, 14 Unit 2, Sessions 1, 8, 11, 12, 14, 16, 17 Unit 3, Sessions 1, 2, 6–10, 13, 14, 17–21 Unit 4, Sessions 2, 3, 4, 7, 10, 12, 13, 15, 20 Unit 5, Sessions 7–15 Unit 6, Sessions 2, 4–6, 8, 12, 13, 15, 16 Unit 7, 1, 2, 4, 5, 7–13 Unit 8, Sessions 3, 4, 6, 8, 9	Home Connections, Vol. 1 HC's 2, 3, 7, 8, 18, 20, 22, 23, 24, 35, 40 Vol. 2 HC's 45, 49, 57, 59, 65	September–May Calendar Grid September–May Problem Solving October Computational Fluency April Computational Fluency May Calendar Collector	Set A6 Number & Operations: Fraction Concepts, Activity 2 Set C1 Geometry: Triangles & Quadrilaterals, Activities 1, 2 Set E1 Data Analysis: Probability & Technology, Activities 1, 2 and Ind. Worksheet 1	Informal January Problem Solving
					Formal Unit Pre- and Post-Assessments Unit 1, Sessions 4, 21 Unit 2, Sessions 4, 21 Unit 3, Sessions 5, 22 Unit 4, Sessions 1, 23 Unit 5, Sessions 2, 19 Unit 6, Sessions 1, 19 Unit 7, Sessions 3, 16 Unit 8, Session 12
3. Make predictions and draw conclusions about mathematical ideas and concepts.	Unit 1, Session 9, 12, 16, 17, 19 Unit 3, Session 7 Unit 4, Sessions 7, 10 Unit 5, Sessions 1, 3, 5, 7–16 Unit 6, Sessions 3, 4 Unit 7, Session 7 Unit 8, Sessions 4–9		September–May Calendar Grid September–October Calendar Collector December–March Calendar Collector	Set E1 Data Analysis: Probability & Technology, Activities 1 & 2, and Independent Worksheet 1 Bridges Practice Book, pages 3, 7, 8, 15, 20, 33, 44, 48, 50, 87, 123, 124	Formal Unit 5, Sessions 2, 19 Unit 8, Session 12

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MATHEMATICS PROCESS STANDARD 4: CONNECTIONS					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Relate various concrete and pictorial models of concepts and procedures to one another.	Unit 1, Sessions 5–9, 11–13, 16–20 Unit 2, Sessions 1–3, 5–9, 13–19 Unit 3, Sessions 3, 4, 6–10 Unit 4, Sessions 3–7, 11–13, 17–20 Unit 5, Sessions 1, 3–5, 7–11 Unit 6, Sessions 2–7, 8–13, 15, 16 Unit 7, Sessions 4, 5, 9–13	Home Connections, Vol. 1 HC's 2, 3, 8, 9, 13, 14, 19, 31 Home Connections, Vol. 2 HC's 45, 57, 61	October Calendar Grid October Calendar Collector November Calendar Grid February Calendar Grid March Comp. Fluency April Calendar Grid April Comp. Fluency	Set A4 Number & Operations: Long Division, Activities 1, 2 Set A6 Number & Operations: Fraction Concepts, Activities 1, 2 and Ind. Worksheets 1–3 Set D1 Measurement: Area & Perimeter, Activities 1–4 and Ind. Worksheets 1, 2	
2. Link concepts to procedures and eventually to symbolic notation.	Unit 1, Sessions 5–9, 11–13, 16–20 Unit 2, Sessions 1–3, 5–9, 13–19 Unit 3, Sessions 3, 4, 6–10 Unit 4, Sessions 3–7, 11–13, 17–20 Unit 5, Sessions 1, 3–5, 7–11 Unit 6, Sessions 2–7, 8–13, 15, 16 Unit 7, Sessions 4, 5, 9–13	Home Connections, Vol. 1 HC's 2, 3, 8, 9, 13, 14, 19, 31 Home Connections, Vol. 2 HC's 45, 57, 61	October Calendar Grid October Calendar Collector November Calendar Grid February Calendar Grid March Comp. Fluency April Calendar Grid April Comp. Fluency	Set A4 Number & Operations: Long Division, Activities 1, 2 Set A6 Number & Operations: Fraction Concepts, Activities 1, 2 and Ind. Worksheets 1–3 Set D1 Measurement: Area & Perimeter, Activities 1–4 and Ind. Worksheets 1, 2	
3. Recognize relationships among different topics within mathematics.	Unit 1, Sessions 8, 9, 11 Unit 3, Sessions 9, 10, 19, 20 Unit 4, Session 10 Unit 6, Sessions 8, 10–13 Unit 8, Session 2–11	Home Connections, Vol. 1 HC's 1, 6, 10, 11, 15, 16, 18, 20, 21, 30, 32, 36, 37, 38 Home Connections, Vol. 2 HC's 42, 43, 47, 48, 49, 52, 54, 55, 56, 57, 58, 62, 64, 65, 66, 68, 69	November Calendar Grid December, January Calendar Collector February Calendar Grid March, April Calendar Collector March Problem Solving	Bridges Practice Book, pages 10, 16, 17, 18, 20, 26, 28, 30, 32, 34, 36, 38, 39, 40, 52, 60, 64, 65, 70, 72, 78, 80, 86, 87, 88, 90, 92, 93, 94, 95, 96, 100, 116, 119, 120, 126, 128, 132, 138	Formal Unit 8, Session 12 (Unit Post-Assessment)
4. Use mathematical strategies to solve problems that relate to other curriculum areas and the real world.	Unit 2, Sessions 1, 8, 12, 14 Unit 4, Sessions 6, 13, 14, 16, 20 Unit 5, Sessions 3, 9, 12, 13 Unit 6, Sessions 2, 5, 6, 14 Unit 6, pages 896–898 (WP 6D) Unit 7, Sessions 7, 8, 15 Unit 8, Sessions 5–8	Home Connections, Vol. 1 HC's 11, 15, 32 Home Connections, Vol. 2 HC 49	September Calendar Grid Dec. Calendar Collector January Calendar Collector March Calendar Collector	Set A7 Number & Operations: Place Value to Billions, Ind. Worksheets 1–3 A10 Number & Operations: Integers, Activities 1–3 and Ind. Worksheets 1–3	

Bridges Grade 5 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 5: REPRESENTATION					
Priority Academic Student Skills	Bridges	Home Connections	Number Corner	Bridges Supplement	Assessment
1. Create and use a variety of representations appropriately and with flexibility to organize, record, and communicate mathematical ideas	Unit 1, Sessions 2, 3 Unit 2, Session 11 Unit 3, Sessions 9, 19, 20 Unit 5, Sessions 1, 3, 4, 17 Unit 6, Sessions 2, 5, 10–13 Unit 7, Sessions 4, 5, 7, 8, 10–12 Unit 8, Sessions 6, 8		November Calendar Grid December Calendar Collector January Calendar Collector March Calendar Collector	Set B1 Algebra: Diagrams & Equations, Activity 1 and Ind. Worksheets 1, 2 Set E1 Data Analysis: Probability & Technology, Activities 1, 2 and Ind. Worksheet 1	
2. Use representations to model and interpret physical, social, and mathematical situations	Unit 1, Sessions 2, 3 Unit 2, Session 11 Unit 3, Sessions 9, 19, 20 Unit 4, Session 6 Unit 5, Sessions 1, 3, 4, 17 Unit 6, Sessions 2, 5, 10–13 Unit 7, Sessions 4, 5, 7, 8, 10–12 Unit 8, Sessions 6, 8	Home Connections, Vol. 1 HC's 6, 7, 13, 14, 17, 34 Home Connections, Vol. 2 HC's 43, 47, 52, 53, 54, 65, 69	November Calendar Grid December Calendar Collector January Calendar Collector February Calendar Grid March Calendar Collector	Set B1 Algebra: Diagrams & Equations, Activity 1 and Ind. Worksheets 1, 2 Set E1 Data Analysis: Probability & Technology, Activities 1, 2 and Ind. Worksheet 1 Bridges Practice Book, pages 87, 88, 93, 94, 95, 96, 122, 125, 126, 128, 136	

