

Bridges Grade 2 Correlations to Oklahoma Mathematics Standards

MATHEMATICS CONTENT STANDARD 1: ALGEBRAIC REASONING – PATTERNS AND RELATIONSHIPS				
The student will use a variety of problem-solving approaches to model, describe and extend patterns				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Describe, extend, and create patterns using symbols, shapes, or designs.	Unit 1, Sessions 6, 8, 9, 16, 18, 22 Technology Connections Book, pages 10–11 (Technology Connection 2)	September–May Calendar Grid Number Corner Student Book, pages 2, 5, 11, 35, 39, 54, 59, 81, 85		Formal Unit 1, Sessions 1 & 23 (Unit Pre- and Post-Assessments) Number Corner Student Book, page 55, Check-Up 3
2. Formulate and record generalizations about number patterns in a variety of situations.	Unit 1, Sessions 11, 12, 22 Unit 3, Sessions 17–22 Unit 4, Sessions 23, 24	September–April Hundreds Grid October Magnetic Tile	Set A1 Number & Operations: Add & Subtract, Activities 3 & 4 Set A2 Number & Operations: Solving Equations, Independent Worksheet 2 Set A7 Number & Operations: Numbers to 1,000 on a Line or Grid, Activities 1 & 2 and Independent Worksheets 1 & 2 Bridges Practice Book, pages 7, 9, 13, 19, 21, 29, 43, 49, 50, 143	Formal Unit 1, Sessions 1 & 23 (Unit Pre- and Post-Assessments)
3. Find unknown values in open number sentences with a missing addend and use to solve everyday problems.			Set A2 Number & Operations: Solving Equations, Activities 1 & 2 and Independent Worksheets 1 & 2 Bridges Practice Book, pages 4, 6, 8, 10, 11, 12, 13, 14, 17, 28, 31, 32, 35, 36, 38, 40, 42, 46, 49, 50, 75, 85, 86, 121	Informal Bridges Practice Book, pages 49, 75, 85, 86, 121
4. Recognize and apply the associative property of addition.	Unit 3, Sessions 7, 15	November, December, April and May Daily Number Chart September and November Magnetic Tile	Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Independent Worksheet 9 Bridges Practice Book, pages 57, 63	Informal Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Independent Worksheet 9

Bridges Grade 2 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 and will compute with whole numbers less than 100.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1a. Use concrete models of hundreds, tens, and ones to develop the concepts of place value and link the concepts to the reading and writing of numbers.	Unit 5, Sessions 3–8, 10, 12–17, 24, 28 Unit 6, Sessions 4–8 Unit 7, Sessions 1, 2, 16, 18–23	September & October Coin Collector October Daily Number Chart February, March & May Coin Collector	Set A4 Number & Operations: Place Value, Activities 1, 2, 3, 4, 5 Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activity 1	Informal Unit 5, page 555 (Observation Checklist)
				Formal Unit 5, Sessions 1 & 35 (Unit Pre- and Post-Assessment) Number Corner Student Book, pages 9, 36, 56 (Check-Ups 1–3)
1b. Represent a number in a variety of ways.	Unit 5, Sessions 16, 25 Unit 5, page 578 (HC 20)	October Daily Number Chart November Daily Number Chart December Daily Number Chart April Daily Number Chart May Daily Number Chart	Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activity 1 and Independent Worksheet 1 Bridges Practice Book, pages 89, 91	Informal Bridges Practice Book, pages 89, 91
1c. Write a number sentence to compare numbers less than 1,000.	Unit 5, Sessions 3, 16, 18, 20, 21 Unit 5, pgs 623–629 (WP's 9B, 9D)	March Hundreds Grid April Hundreds Grid	Set A4 Number & Operations: Place Value, Activities 1, 2, 3 & 4 Set A7 Number & Operations: Numbers to 1,000 on a Line or Grid, Activity 1, Independent Worksheets 1 & 2 Bridges Practice Book, pages 7, 43, 48, 72, 104, 127, 140	Informal Bridges Practice Book, pages 104, 127, 140
1d. Demonstrate (using concrete objects, pictures, and numerical symbols) fractional parts including halves, thirds, fourths and common percents (25%, 50%, 75%, and 100%).	Unit 1, Session 19 Unit 4, Sessions 9, 11, 14, 16, 17 Unit 7, Session 5–7 Unit 7, pages 793–808 (WP10B, 10C & 10D) Unit 7, page 787 (HC 28)	December Magnetic Tile January Calendar Grid January Magnetic Tile March Calendar Grid	Bridges Practice Book, pages 71, 83, 84, 125, 137, 138	Informal Bridges Practice Book, pages 125, 137, 138

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MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE & OPERATION				
The student will use numbers and number relationships to acquire basic facts and will compute with whole numbers less than 100.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
2a. Demonstrate fluency (i.e., memorize and apply) with basic addition facts to make a maximum sum of 18 and the associated subtraction facts.	Unit 3, Sessions 16–22 Unit 3, pages 233–237 (WP's 4B, 4C, 4D) Unit 5, Session 24 Technology Connections Book, pages 14–17, and 26–27 (Technology Connections 4, 5, 10)	October Magnetic Tile November Hundreds Grid January–March, May Workout Wheel January–April Base 10 Bank Number Corner Student Book, pages 1, 5, 7, 12, 28–31, 47, 48	Set A1 Number & Operations: Addition & Subtraction, Activities 2, 3 & 4 Bridges Practice Book, pages 3, 5, 9, 11, 13, 14, 17, 23, 27, 31, 33, 35, 41, 45, 49, 51, 53, 55, 56, 57, 59, 63, 64, 69, 71, 73, 77, 79, 85	Informal Unit 3, pages 229–230 (Observation Checklist) Bridges Practice Book, pages 41, 45, 49, 55, 57, 59, 69
				Formal Unit 1, pages 55–61 (Individual Interview) Unit 3, Sessions 3, 6, 23, 24 (Unit 3 Pre- and Post-Assessments) Number Corner Student Book, pages 9, 36, 55–56, and 85–86 (Check-Ups 1–4)
2b. Use strategies to estimate and solve sums and differences.	Unit 5, Sessions 1, 22, 23, 28 Unit 7, Session 9	November Hundreds Grid January Base 10 Bank February Base 10 Bank March Base 10 Bank April Base 10 Bank May Coin Collector	Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1, 2, 6, 7 Bridges Practice Book, pages 109, 110, 144	Informal Bridges Practice Book, pages 109, 110
				Formal Unit 5, Sessions 1 & 32 (Unit Pre- and Post Assessments)
2c. Solve two-digit addition and subtraction problems with and without regrouping using a variety of techniques.	Unit 4, pgs. 407, 458 (HC's 14, 16) Unit 5, Sessions 3, 6–8, 13, 23, 25 Unit 5, pgs 497, 517 (HC's 17 & 18) Unit 6, page 720 (HC 26) Unit 7, Sessions 1, 9, 10, 15, 16, 20–23 Unit 7, pgs 804–808 (WP's 10E, 10F) Technology Connections Book, pages 22–23 (Technology Connection 8)	November & December Hundreds Grid & Daily Number Chart January Hundreds Grid January–April Base 10 Bank April Daily Number Chart May Daily Number Chart May Coin Collector Number Corner Student Book, pages 32, 33, 40, 41, 52, 60, 61, 69, 70, 79, 80, 82–84	Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activity 4 Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1–7 and Independent Worksheets 1–9 Bridges Practice Book, pages 101, 105, 107, 108, 113, 119	Informal Unit 5, page 555 (Observation Checklist) Unit 5, page 560 (Instructional Considerations for Handfuls of Treasure) Bridges Practice Book, pages 129, 141
				Formal Unit 5, Sessions 1 & 35 (Unit Pre- and Post-Assessments) Unit 7, Sessions 2 & 29 (Unit Pre- and Post- Assessments) Number Corner Student Book, pages 38 & 58 (Check-Ups 2 & 3)

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MATHEMATICS CONTENT STANDARD 2: NUMBER SENSE & OPERATION

The student will use numbers and number relationships to acquire basic facts and will compute with whole numbers less than 100.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
2d. Use concrete models to develop understanding of multiplication as repeated addition and division as successive subtraction.	Unit 1, Sessions 11, 12, 20 Unit 2, Sessions 1, 7, 10–12 Unit 3, Session 10 Unit 4, Sessions 24, 25 Unit 5, Session 18 Unit 7, Sessions 1, 3, 5, 16 Unit 7, pages 797–798 (WP 10B) Unit 7, page 859 (HC 31) Technology Connections, pages 24–25 (Technology Connection 9)	September–Nov. Magnetic Tile April–May Magnetic Tile May Workout Wheel	Set A3 Number & Operations: Division, Activity 1 Bridges Practice Book, pages 9, 19, 32, 40, 74, 78, 80, 82, 88, 98	Informal Unit 4, Sessions 24 & 25 (Work Samples)

MATHEMATICS CONTENT STANDARD 3: GEOMETRY

The student will use geometric properties and relationships to recognize and describe shapes.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Identify symmetric and congruent shapes and figures.	Unit 3, Sessions 10,11 Unit 4, Sessions 12, 13, 18–20 Unit 4, pgs. 427–428 (WP 7D) Unit 4, Page 437 (HC 15) Technology Connections, pages 20–21 (Technology Connection 7)		Bridges Practice Book, page 65	
2. Investigate and predict the results of putting together and taking apart two-dimensional shapes.	Unit 1, Sessions 19–21 Unit 3, Sessions 9–11 Unit 4, Sessions 4–6, 8–15 Unit 4, pgs, 366–371, 427–432 (WP's 6C, 6D, 6E, 7D, 7E, 7F)		Bridges Practice Book, pages 2, 14, 66, 76	Formal Unit 4, Sessions 1 & 21 (Unit Pre- and Post-Assessments)

Bridges Grade 2 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 4: MEASUREMENT				
The student will use appropriate units of measure in a variety of situations.				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1a. Measure objects using standard units (e.g., measure length to the nearest foot, inch, and half inch).	Unit 2, pages 161, 182 (HC's 6 & 7) Unit 7, Sessions 3, 9 Unit 7, pages 752–753 (HC 27) Unit 7, pages 807–808 (WP 10F)		Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activity 3 Set D2 Measurement: Length in U.S. Customary Units, Activities 4, 5, 6, 7 & 8 Set D3 Measurement: Length in Metric Units, Activities 1, 2 & 3 Bridges Practice Book, pages 20, 24, 30, 44, 124, 126	Informal Bridges Practice Book, pages 20, 24, 30, 44, 124, 126
				Formal Number Corner Student Book, page 37 (Check-Up 2)
1b. Select and use appropriate units of measurement in problem solving and everyday situations.			Set D2 Measurement: Length in U.S. Customary Units, Activities 6, 7, 8 Bridges Practice Book, pages 126, 128	Formal Number Corner Student Book, page 87 (Check-Up 4)
2a. Tell time on digital and analog clocks on the quarter-hour.	Unit 1, Session 17 Unit 1, pages 90–92 (WP 3B)	October Bean Clock December Bean Clock March Bean Clock April Bean Clock May Bean Clock	Set D5 Measurement: Telling Time, Activities 1 & 2 and Independent Worksheets 1, 2 & 4 Bridges Practice Book, pages 39, 90, 97, 103, 115, 135, 142	Formal Number Corner Student Book, pages 10, 37 & 87 (Check-Ups 1, 2 & 4)
2b. Solve problems involving number of days in a week, month, or year and problems involving weeks in a month and year.		November, February, and April Calendar Grid Number Corner Student Book, pages 2, 5, 11, 39, 59, 81	Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activity 1 Set D5 Measurement: Telling Time, Independent Worksheet 5 Bridges Practice Book, page 131	Formal Number Corner Student Book, page 85 (Check-Up 4)
3a. Identify and count money up to a twenty dollar bill.	Unit 1, Session 7 Unit 1, pages 33, 111 (HC's 1 & 4) Unit 1, pages 42–43 (WP 2B) Unit 5, Sessions 12, 14, 25, 26, 28 Unit 5, pages 621–623, 629–633 (WP's 9A, 9E, 9F) Unit 7, Sessions 1, 2, 16, 18–23	September Coin Collector October Coin Collector February Coin Collector March Coin Collector	Set A6 Number & Operations: Money, Activities 1 & 2 and Independent Worksheet 1 Bridges Practice Book, pages 15, 25, 68, 76, 87, 90, 115, 144	Informal Unit 5, page 555 (Observation Checklist) Bridges Practice Book, pages 15, 25, 68, 76, 87, 90, 115, 144
				Formal Unit 5, Sessions 1 & 35 (Unit 5 Pre- and Post-Tests) Number Corner Student Book, pages 10, 38 & 88 (Check-Ups 1, 2, & 4)

Bridges Grade 2 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS CONTENT STANDARD 4: MEASUREMENT

The student will use appropriate units of measure in a variety of situations.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
3b. Recognize and write different amounts of money using dollar and cent notation.	Unit 7, Session 1	September, October, and May Coin Collector	Set A6 Number & Operations: Money, Activities 1 & 2 and Independent Worksheet 1 Bridges Practice Book, pages 68, 115	Informal Bridges Practice Book, pages 68, 115

MATHEMATICS CONTENT STANDARD 5: DATA ANALYSIS

The student will demonstrate an understanding of data collection, display, and interpretation.

Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1a. Collect, sort, organize, and display data in charts, bar graphs, and tables (e.g., collect data on teeth lost and display results in a chart).	Unit 3, Sessions 3, 4, 6, 16 Unit 4, Session 12 Unit 5, Sessions 14, 19, 20, 27 Unit 6, Sessions 5–7, 9 Unit 7, Sessions 4, 6–8, 10–12, 17, 26, 27 Unit 7, page 819 (HC 29) Unit 7, pages 795–797, 802–803 (WP's 10A, 10D) Technology Connections, pages 26–27 (Technology Connection 10)	November Calendar Grid December Magnetic Tile January Magnetic Tile February Calendar Grid April Calendar Grid	Bridges Practice Book, pages 25, 112, 123	Informal Unit 7, Session 27 (Work Sample) Bridges Practice Book, pages 106, 112, 123
				Formal Unit 7, Sessions 1 & 29 (Unit 7 Pre- and Post-Assessments)
1b. Summarize and interpret data in charts, bar graphs, and tables.	Unit 3, Sessions 3, 4, 6, 16 Unit 4, Session 12 Unit 5, Sessions 20, 27 Unit 6, Session 10 Unit 7, Sessions 4, 6–8, 13, 17, 28 Technology Connections, pages 26–27 (Technology Connection 10)	January Magnetic Tile February Calendar Grid	Bridges Practice Book, pages 25, 106, 112, 123	Informal Bridges Practice Book, pages 106, 112, 123
				Formal Unit 6, Session 13 (Unit 6 Post-Assessment) Unit 7, Sessions 1 & 29 (Unit 7 Pre- and Post-Assessments)

Bridges Grade 2 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 1: PROBLEM SOLVING				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Use problem-solving approaches.	Unit 2, Sessions 1, 7, 10, 11, 12 Unit 3, Sessions 7, 15 Unit 3, pages 233–234, 295–296 (WP’s 4B, 5F) Unit 4, Sessions 4, 6, 19, 20, 22 Unit 5, Sessions 3, 5, 6–10 Unit 7, Sessions 15, 16, 20–23	September–May Calendar Grid September–October Hundreds Grid September Magnetic Tile November Magnetic Tile January–April Base Ten Bank	Set A7 Number & Operations: Numbers to 1,000 on a Line or Grid, Activities 1 & 2 Bridges Practice Book, pages 2, 4, 6, 8, 10, 12, 14, 16, 18, 22, 25, 26, 28, 32, 34, 36, 38, 40, 42, 46, 50, 52, 54, 56, 62, 76, 92, 94, 100, 102, 112, 120, 123, 130, 132, 134, 136, 140	Informal Unit 2, Session 10 (Work Sample, see pages 171–173) Unit 5, Session 9 (Work Samples, see page 521, paragraph 3) Unit 5, Session 11 Unit 7, Session 21 (Work Sample, see pages 852–854) Formal Unit 7, pages 739–745, 873–878 (Pre- and Post-Assessments)
2. Formulate problems from everyday and mathematical situations.	Unit 2, Sessions 8, 9 Unit 4, Session 20 Unit 5, Sessions 4, 5 Unit 7, Sessions 18, 19		Set A3 Number & Operations: Division, Activity 1	
3. Develop, test, and apply strategies to solve a variety of routine and non-routine problems.	Unit 2, Sessions 1, 7, 9–11 Unit 4, Sessions 4, 6, 8, 9, 14, 15, 22, 25 Unit 5, Sessions 3, 6–10, 13, 15, 16, 18 Unit 5, Sessions 3, 7, 9, 10 Unit 7, Sessions 1, 15, 16, 20–23		Set D3 Measurement: Length in Metric Units, Activities 2 & 3 Bridges Practice Book, pages 114, 116	Informal Unit 2, Session 10 (Work Sample, see pages 171–173) Unit 7, Session 21 (Work Sample, see pages 852–854) Bridges Practice Book, pages 114, 116
4. Verify and interpret results with respect to the original problem.	Unit 2, Sessions 1, 7, 9–11 Unit 4, Session 22 Unit 5, Sessions 3, 6–11 Unit 6, Sessions 12–13 Unit 7, Sessions 6, 15, 20–21	October Calendar Grid November Magnetic Tile November Daily Measure November Hundreds Grid January Calendar Grid January Base 10 Bank March Base 10 Bank	Set D2 Measurement: Length in U.S. Customary Units, Activities 1, 2, 3, 5 & 8 Bridges Practice Book, pages 76, 109, 110, 144	Informal Bridges Practice Book, pages 76, 109, 110, 144
5. Distinguish between necessary and irrelevant information in solving problems.	Unit 1, Sessions 2, 6, 9, 16, 22 Unit 2, Sessions 1, 7, 9, 11, 12 Unit 4, Sessions 4, 19, 20 Unit 5, Sessions 3, 5, 6–10 Unit 6, Sessions 11, 12 Unit 7, Sessions 6, 8, 15, 16, 20–23	September–October Calendar Grid December–January Calendar Grid March Calendar Grid May Calendar Grid	Set A7 Number & Operations, Numbers to 1,000, Activity 2 Bridges Practice Book, pages 32, 40, 56, 62, 86, 102	Informal Bridges Practice Book, pages 32, 40, 56, 62, 86, 102

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MATHEMATICS PROCESS STANDARD 2: COMMUNICATION				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Express mathematical ideas coherently and clearly to peers, teachers, and others.	Unit 1, Sessions 2, 6, 9, 16, 22 Unit 2, Sessions 1, 7, 9–11 Unit 4, Sessions 4, 6, 8, 9, 19, 20 Unit 5, Sessions 3, 6–10, 13, 15, 16, 18 Unit 7, Sessions 1, 15, 16, 20–23	October Hundreds Grid November Calendar Grid November Hundreds Grid December Hundreds Grid December Daily Number Chart March Hundreds Grid May/June Coin Collector Shopping Problems		Informal Unit 1, pages 112-115 (Tile Growing Pattern Problem/Challenge Pattern)
				Formal May/June Number Corner, pages 253-256 (Number Corner Student Book pages 79-80, 82-84)
2. Extend mathematical knowledge by considering the thinking and strategies of others.	Unit 1, Sessions 1, 2, 6, 9, 11, 22 Unit 2, Sessions 1, 7, 9, 11 Unit 3, Sessions 1, 2 Unit 4, Sessions 4, 6, 9, 12, 15, 19, 20, 22–25 Unit 5, Sessions 3, 6–11 Unit 6, Sessions 12, 13 Unit 7, Sessions 6, 15, 20, 21	September–October Calendar Grid December–January Calendar Grid March Calendar Grid May Calendar Grid	Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1–7	
3. Relate manipulatives, pictures, diagrams, and symbols to mathematical ideas.	Unit 1, Sessions 4, 5, 11, 12, 20 Unit 2, Sessions 1, 7, 10–12 Unit 3, Sessions 12, 14, 17, 19–22 Unit 4, Sessions 2–6, 8, 9, 12, 22, 24, 25 Unit 5, Sessions 2, 3, 6–8, 13, 15, 16, 19, 21, 23, 24, 30–32 Unit 6, Session 4, 8–10 Unit 7, Sessions 4, 6, 14, 20–23	September–December Daily Number Chart September–November Magnetic Tile September, November Hundreds Grid December, January Magnetic Tile January–April Base Ten Bank March Calendar Grid	Set A1 Number & Operations: Addition & Subtraction, Activities 3, 4 Set A2 Number & Operations: Solving Equations, Activities 1, 2 Set A3 Number & Operations: Division, Activity 1 Set A4 Number & Operations: Place Value, Activities 1–6 and Independent Worksheets 1, 2 Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activities 1–4 and Ind. Worksheet 1 Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1–7 and Independent Worksheets 1–9	

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MATHEMATICS PROCESS STANDARD 2: COMMUNICATION				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
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 6, 9, 21, 22 Unit 2, Session 1, 7 Unit 3, Sessions 2, 3, 4, 5, 8 Unit 4, Sessions 2, 3, 5, 8, 9, 12–14, 18–20 Unit 5, Sessions 2, 3, 19, 30–32 Unit 6, Sessions 8, 9 Unit 7, Sessions 6, 7	November Daily Number Chart November Daily Measure December, May Calendar Grid December, January, April, May Magnetic Tile	Set A2 Number & Operations: Solving Equations, Activities 1, 2 Set A3 Number & Operations: Division, Activity 1 Set A6 Number & Operations: Money, Activities 1, 2 Set D2 Measurement: Length in U.S. Customary Units, Activities 1–8 Set D3 Measurement: Length in Metric Units, Activities 1, 2, 3	

MATHEMATICS PROCESS STANDARD 3: REASONING				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Explain mathematical situations using patterns and relationships.	Unit 1, Sessions 6, 9, 11, 13–16, 19, 22 Unit 3, Sessions 1, 2, 5, 6, 12, 17, 19–22 Unit 4, Sessions 3–6, 8, 11–15, 19, 20, 24, 25 Unit 5, Sessions 30–32 Unit 7, Sessions 5, 6, 7	September–May Calendar Grid November, January, February Daily Measure May Magnetic Tile	Set A1 Number & Operations: Addition & Subtraction, Activities 3, 4 Set D2 Measurement: Length in U.S. Customary Units, Activities 1–8 Set D3 Measurement: Length in Metric Units, Activities 1, 2, 3	Formal Unit Pre- and Post-Assessments Unit 1, Sessions 1, 23 Unit 4, Sessions 1, 21
2. Demonstrate thinking processes using a variety of age-appropriate materials and reasoning processes.	Unit 1, Sessions 2, 4–6, 9, 11, 13–16, 19, 22 Unit 2, Sessions 1, 7, 10–12 Unit 3, Sessions 1, 2, 5, 6, 12 Unit 4, Sessions 3, 4, 6, 8, 9, 11–15, 19, 20, 22, 24, 25 Unit 5, Sessions 3, 6–8, 13, 18–20, 22, 25–27, 30–32 Unit 6, Sessions 2, 5–7, 10–12 Unit 7, Sessions 1, 5, 6, 7, 13, 20–23	September–May Calendar Grid September Coin Collector October, November Hundreds Grid November Daily Measure April Magnetic Tile	Set A4 Number & Operations: Place Value, Activities 1–6	Informal Unit 1, Session 22 (Work Sample) Unit 2, Session 10 (Work Sample) Unit 4, Session 24 (Work Sample) Unit 5, Sessions 9–11 Formal Unit 1, pages 55–61 (Individual Interview) Unit Pre- and Post-Assessments Unit 1, Sessions 1, 23 Unit 4, Sessions 1, 21 Unit 5, Sessions 1, 35 Unit 6, Session 13 Unit 7, Sessions 2, 29

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MATHEMATICS PROCESS STANDARD 3: REASONING				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
3. Make predictions and draw conclusions about mathematical ideas and concepts.	Unit 1, Sessions 2, 4–6, 9, 11, 16, 22 Unit 2, Session 1 Unit 3, Sessions 3, 4, 6, 16 Unit 4, Sessions 11, 13, 24, 25 Unit 5, Sessions 20, 27 Unit 6, Sessions 5–12 Unit 7, Sessions 6, 7, 8, 13	September–May Calendar Grid November Daily Measure December, January Magnetic Tile	Set A4 Number & Operations: Place Value, Activities 1, 2	

MATHEMATICS PROCESS STANDARD 4: CONNECTIONS				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Relate various concrete and pictorial models of concepts and procedures to one another.	Unit 1, Sessions 11, 12, 20 Unit 2, Sessions 1, 7, 10–12 Unit 3, Sessions 12, 13, 14, 17, 19–22 Unit 4, Sessions 8, 9, 24, 25 Unit 5, Sessions 2, 3, 6–8, 13, 16, 21–24 Unit 6, Sessions 8, 9 Unit 7, Sessions 1, 9, 20–23	September–November Magnetic Tile October, November Daily Number Chart November Hundreds Grid January–April Base Ten Bank	Set A1 Number & Operations: Add & Subtract, Activities 3, 4 Set A2 Number & Operations: Solving Equations, Activities 1, 2 Set A3 Number & Operations: Division, Activity 1 Set A4 Number & Operations: Place Value, Activities 1–6 and Independent Worksheets 1, 2 Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activities 1–4 and Ind. Worksheet 1 Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1–7 and Independent Worksheets 1–9	

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MATHEMATICS PROCESS STANDARD 4: CONNECTIONS				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
2. Link concepts to procedures and eventually to symbolic notation.	Unit 1, Sessions 11, 12, 20 Unit 2, Sessions 1, 7, 10–12 Unit 3, Sessions 12, 13, 14, 17, 19–22 Unit 4, Sessions 8, 9, 24, 25 Unit 5, Sessions 2, 3, 6–8, 13, 16, 21–24 Unit 6, Sessions 8, 9 Unit 7, Sessions 1, 9, 20–23	September–November Magnetic Tile October, November Daily Number Chart November Hundreds Grid January–April Base Ten Bank	Set A1 Number & Operations: Add & Subtract, Activities 3, 4 Set A2 Number & Operations: Solving Equations, Activities 1, 2 and Independent Worksheets 1, 2 Set A3 Number & Operations: Division, Activity 1 Set A4 Number & Operations: Place Value, Activities 1–6 and Independent Worksheets 1, 2 Set A5 Number & Operations: Multi-Digit Addition & Subtraction, Activities 1–4 and Ind. Worksheet 1 Set A9 Number & Operations: More Multi-Digit Addition & Subtraction, Activities 1–7 and Independent Worksheets 1–9	
3. Recognize relationships among different topics within mathematics.	Unit 2, Sessions 1–5 Unit 4, Sessions 10–13 Unit 5, Sessions 2–8, 18–20, 30–32 Unit 6, Sessions 1–13 Unit 7, Sessions 1, 2, 14–23, 26–28	November, January–May Calendar Grid November, January, February Daily Measure	Bridges Practice Book, pages 2, 4, 6, 8, 10, 12, 14, 16, 18, 22, 25, 26, 28, 32, 34, 36, 38, 40, 42, 46, 50, 52, 54, 56, 62, 76, 92, 94, 100, 102, 112, 120, 123, 130, 132, 134, 136, 140	
4. Use mathematical strategies to solve problems that relate to other curriculum areas and the real world.	Unit 2, Sessions 1–5 Unit 4, Sessions 10–13 Unit 5, Sessions 2–8, 18–20 Unit 6, Sessions 1–13 Unit 7, Sessions 1, 2, 14–23		Set D2 Measurement: Length in U.S. Customary Units, Activities 4 & 8 Set D3 Measurement: Length in Metric Units, Activities 1 & 3	Informal Unit 2, pages 180–181 (Looking Back at the Solutions) Unit 7, pages 858–859 (Shopping for Story Problems, Part 2)
				Formal Unit 6, pages 718–720 (Thinking Back . . . What Have We Learned?)

Bridges Grade 2 Correlations to Oklahoma Mathematics Standards (cont.)

MATHEMATICS PROCESS STANDARD 5: REPRESENTATION				
Priority Academic Student Skills	Bridges	Number Corner	Bridges Supplement	Assessments
1. Create and use a variety of representations appropriately and with flexibility to organize, record, and communicate mathematical ideas	Unit 1, Sessions 4, 6, 11, 12 Unit 2, Sessions 1, 6–8, 11 Unit 3, Sessions 1, 2, 4, 16 Unit 5, Sessions 7, 31 Unit 6, Session 9 Unit 7, Sessions 6, 15, 28 Technology Connections 1, 2, 3, 4, 5, 9 (Technology Connections Book, pages 8–17, 24–25)	October Hundreds Grid October Magnetic Tile November Daily Measure January Base 10 Bank March Base 10 Bank May Coin Collector		Informal Unit 2, pages 180-181 (Looking Back at the Solutions) Unit 5, page 515 (Prepare for Session 8) Unit 5, pages 522-524 (The Final Problem) Unit 7, pages 850-854 (Solving Toy Store Problems)
				Formal Unit Pre- and Post-Assessments: Unit 1, Sessions 1 & 23 Unit 5, Sessions 1 & 35 Unit 7, Sessions 2 & 29
2. Use representations to model and interpret physical, social, and mathematical situations	Unit 1, Sessions 4, 6, 11–12 Unit 2, Sessions 1, 6–8, 11 Unit 3, Sessions 1–2, 4, 16 Unit 5, Sessions 7, 31 Unit 6, Session 9 Unit 7, Sessions 6, 15, 28	October Hundreds Grid October Magnetic Tile November Daily Measure January Base 10 Bank March Base 10 Bank May Coin Collector		Informal Unit 2, pages 180-181 (Looking Back at the Solutions) Unit 5, page 515 (Prepare for Session 8) Unit 5, pages 522-524 (The Final Problem) Unit 7, pages 850-854 (Solving Toy Store Problems)
				Formal Unit Pre- and Post-Assessments: Unit 1, Sessions 1 & 23 Unit 5, Sessions 1 & 35 Unit 7, Sessions 2 & 29