

# Bridges Grade 5 TEKS Correlations

NUMBER, OPERATION & QUANTITATIVE REASONING			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Numbers To 999,999,999,999</b>			
(5.1) (A) use place value to read, write, compare, and order whole numbers through the 999,999,999,99	Unit 2, Session 1 Unit 6, Session 13 Unit 7, Session 8	November Computational Fluency April Calendar Collector	Independent Worksheet 17 Independent Worksheet 18 Independent Worksheet 19
(5.1) (B) use place value to read, write, compare, and order decimals through the thousandths place	Unit 6, Sessions 13–18 Unit 6, page 919, Home Connection 54 Unit 6, page 928, Home Connection 55 Unit 6, page 976–977, Work Place 6D	November Calendar Grid February Calendar Grid March Computational Fluency	
<b>Fractions &amp; Decimals</b>			
(5.2) (A) generate a fraction equivalent to a given fraction such as $\frac{1}{2}$ and $\frac{3}{4}$ or $\frac{1}{2}$ and $\frac{1}{3}$	Unit 4, Session 17 Unit 4, pages 616–617, Home Connection 37 Unit 6, Sessions 8–9 Unit 6, pages 870–871, Home Connection 51	April Computational Fluency	
(5.2) (B) generate a mixed number equivalent to a given improper fraction or generate an improper fraction equivalent to a given mixed number	Unit 6, Session 11 Unit 6, pages 889–890, Home Connection 52 Unit 6, pages 897–900, Work Place 6B	April Computational Fluency	
(5.2) (C) compare two fractional quantities in problem-solving situations using a variety of methods, including common denominators	Unit 4, Session 19 Unit 6, Sessions 9, 12, 24 Unit 6, page 871, Home Connection 51 Unit 6, pages 889–890, Home Connection 52		
(5.2) (D) use models to relate decimals to fractions that name tenths, hundredths, and thousandths.	Unit 6, Sessions 15–18 Unit 6, page 928, Home Connection 55 Unit 6, page 959, Home Connection 57	November Calendar Grid	
<b>Computation</b>			
(5.3) (A) use addition and subtraction to solve problems involving whole numbers and decimals	Unit 1, Sessions 11, 13 Unit 2, Sessions 9, 17 Unit 5, Session 11 Unit 6, Sessions 5, 19 Unit 6, page 959, Home Connection 57 Unit 6, pages 976–977, Work Place 6D, Challenge Version Unit 6, page 983, Home Connection 59	November Calendar Grid March Computational Fluency April Calendar Collector	

# Bridges Grade 5 TEKS Correlations (cont.)

NUMBER, OPERATION & QUANTITATIVE REASONING			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Computation</b>			
(5.3) (B) use multiplication to solve problems involving whole numbers (no more than three digits times two digits without technology)	Unit 2, Sessions 5–6, 11 Unit 6, Sessions 1–3 Unit 6, pages 828–829, Home Connection 48 Unit 6, page 908, Home Connection 53	April Problem Solving	
(5.3) (C) use division to solve problems involving whole numbers (no more than two-digit divisors and three-digit dividends without technology), including interpreting the remainder within a given context	Unit 2, Sessions 13, 16 Unit 4, Sessions 4, 9 Unit 6, Sessions 4–5		
(5.3) (D) identify common factors of a set of whole numbers	Unit 6, Session 10	February Calendar Grid	Activity 1 Activity 2 Independent Worksheet 4 Independent Worksheet 5
(5.3) (E) model situations using addition and/or subtraction involving fractions with like denominators using concrete objects, pictures, words, and numbers.	Unit 4, Sessions 11–12, 13, 18–19, 22 Unit 4, pages 643–644, Home Connection 39 Unit 6, Sessions 10–11 Unit 6, Sessions 889–890, Home Connection 52 Unit 6, pages 897–900, Work Place 6B	March Computational Fluency April Computational Fluency	
<b>Computational Estimation</b>			
(5.4) (A) use strategies, including rounding and compatible numbers to estimate solutions to addition, subtraction, multiplication, and division problems	Unit 2, Sessions 8, 14–15 Unit 4, Sessions 2–3, 6 Unit 4, page 523, Home Connection 30 Unit 6, Session 19	November Computational Fluency April Calendar Collector	Independent Worksheet 1 Independent Worksheet 2 Independent Worksheet 3 Independent Worksheet 13 Independent Worksheet 14 Independent Worksheet 15

# Bridges Grade 5 TEKS Correlations (cont.)

PATTERNS, RELATIONSHIPS & ALGEBRAIC THINKING			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Patterns &amp; Functions</b>			
(5.5) (A) describe the relationship between sets of data in graphic organizers such as lists, tables, charts, and diagrams	Unit 7, Sessions 4–7, 9	December Calendar Collector January Calendar Collector March Calendar Collector	
(5.5) (B) identify prime and composite numbers using concrete objects, pictorial models, and patterns in factor pairs	Unit 1, Session 9–10, 20 Unit 1, page 82, Home Connection 5	March Problem Solving	Activity 1 Activity 2 Independent Worksheet 4 Independent Worksheet 5
<b>Diagrams &amp; Equations</b>			
(5.6) (A) select from and use diagrams and equations such as $y = 5 + 3$ to represent meaningful problem situations	Unit 1, Session 15–16 Unit 3, Session 6 Unit 3, page 388, Home Connection 23 Unit 4, Session 9 Unit 6, Sessions 2, 4 Unit 7, Sessions 4, 9–13 Unit 7, page 1087, Home Connection 64	September Problem Solving	Activity 14 Independent Worksheet 20 Independent Worksheet 21

GEOMETRY & SPATIAL REASONING			
TEKS	Bridges	Number Corner	Texas Supplement
<b>2- &amp; 3-Dimensional Figures</b>			
(5.7) (A) identify essential attributes including parallel, perpendicular, and congruent parts of two- and three-dimensional geometric figures	Unit 1, Session 1 Unit 3, Sessions 1–2, 10–11, 13–14, 18–19 Unit 3, page 374–375, Home Connection 22 Unit 3, page 410, Challenge Unit 3, pages 465, Home Connection 28	December Calendar Grid	Activity 6 Activity 7 Activity 9 Activity 10 Independent Worksheet 10
<b>Transformations</b>			
(5.8) (A) sketch the results of translations, rotations, and reflections on a Quadrant I coordinate grid			Activity 11 Independent Worksheet 11 Independent Worksheet 12
(5.8) (B) identify the transformation that generates one figure from the other when given two congruent figures on a Quadrant I coordinate grid			Activity 11 Independent Worksheet 11 Independent Worksheet 12

## Bridges Grade 5 TEKS Correlations (cont.)

GEOMETRY & SPATIAL REASONING			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Coordinate Grids</b>			
(5.9) (A) locate and name points on a coordinate grid using ordered pairs of whole numbers	Unit 1, Session 17 Unit 3, Sessions 16–17 Unit 3, page 454, Home Connection 27 Unit 7, Sessions 4–5	October Computational Fluency March Calendar Grid	

MEASUREMENT			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Conversions</b>			
(5.10) (A) perform simple conversions within the same measurement system (SI (metric) or customary)	Unit 4, Session 8 Unit 4, page 561, Work Place 4C Unit 7, Session 8	November Calendar Collector Number Corner Student Book, page 123	
<b>Perimeter</b>			
(5.10) (B1) connect models for perimeter with their respective formulas	Unit 2, pages 297–298, Home Connection 18	Number Corner Student Book, page 123	Activity 4 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7
(5.10) (C2 and C6) select and use appropriate units to measure perimeter	Unit 2, pages 297–298, Home Connection 18	Number Corner Student Book, page 123	Activity 4 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7
(5.10) (C10 and C14) select and use formulas to measure perimeter	Unit 2, pages 297–298, Home Connection 18		Activity 4 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7

# Bridges Grade 5 TEKS Correlations (cont.)

MEASUREMENT			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Area</b>			
(5.10) (B2) connect models for area with their respective formulas	Unit 2, Sessions 2–3, 5 Unit 3, Sessions 3–4		Activity 3 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7
(5.10) (C3 and C7) select and use appropriate units to measure area	Unit 2, Sessions 2, 4 Unit 2, pages 297–298, Home Connection 18 Unit 4, page 608, Home Connection 36		Activity 3 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7 Independent Worksheet 9
(5.10) (C11 and C 15) select and use formulas to measure area	Unit 2, Sessions 2–3, 7–8 Unit 2, pages 297–298, Home Connection 18		Activity 3 Activity 5 Activity 6 Independent Worksheet 6 Independent Worksheet 7 Independent Worksheet 9
<b>Volume</b>			
(5.10) (B3) connect models for volume with their respective formulas		April Calendar Grid	Activity 7 Activity 8 Independent Worksheet 8 Independent Worksheet 9
(5.10) (C4 and C8) select and use appropriate units to measure volume	Unit 3, Session 20 Unit 3, page 479, Home Connection 29	January Calendar Grid April Calendar Grid	Activity 7 Activity 8 Independent Worksheet 8 Independent Worksheet 9
(5.10) (C12 and C16) select and use formulas to measure volume		April Calendar Grid	Activity 7 Activity 8 Independent Worksheet 8

## Bridges Grade 5 TEKS Correlations (cont.)

MEASUREMENT			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Length</b>			
(5.10) (C1 and C5) select and use appropriate units to measure length	Unit 1, Session 1 Unit 2, page 178, Home Connection 11 Unit 2, page 311, Home Connection 19 Unit 4, pages 635–636, Work Place 4F Unit 6, Session 18 Unit 8, Sessions 2, 4		Independent Worksheet 9
(5.10) (C9 and C13) select and use formulas to measure length	Unit 1, Session 1 Unit 4, pages 635–636, Work Place 4F Unit 6, Session 18 Unit 8, Session 2		
<b>Time &amp; Temperature</b>			
(5.11) (A) solve problems involving changes in temperature	Unit 6, Session 19	January Calendar Collector, Week 1 January Calendar Collector, Week 2	
(5.11) (B) solve problems involving elapsed time	Unit 6, Session 10–11	March Calendar Collector	

PROBABILITY & STATISTICS			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Probability</b>			
(5.12) (A) use fractions to describe the results of an experiment	Unit 5, Sessions 6, 8, 16	September Calendar Collector February Calendar Collector	
(5.12) (B) use experimental results to make predictions	Unit 5, Sessions 14–16 Unit 5, page 754, Home Connection 44	September Calendar Collector February Calendar Collector	Activity 12 Activity 13 Independent Worksheet 16
(5.12) (C) list all possible outcomes of a probability experiment such as tossing a coin	Unit 5, Sessions 7, 11	September Calendar Collector	

## Bridges Grade 5 TEKS Correlations (cont.)

PROBABILITY & STATISTICS			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Graphing</b>			
(5.13) (A) use tables of related number pairs to make line graphs	Unit 7, Session 7	December Calendar Collector January Calendar Collector March Calendar Collector	
(5.13) (B) describe characteristics of data presented in tables and graphs including median, mode, and range	Unit 1, Session 18–19 Unit 1, page 129, Home Connection 9 Unit 5, Sessions 4–5 Unit 5, pages 700–701, Home Connection 41 Unit 8, Sessions 6, 8 Unit 8, pages 1207–1208, Home Connection 70	October Calendar Collector	
(5.13) (C) graph a given set of data using an appropriate graphical representation such as a picture or line graph	Unit 1, Session 2 Unit 5, Sessions 1–4, 18	September Calendar Collector December Calendar Collector January Calendar Collector February Calendar Collector March Calendar Collector	

UNDERLYING PROCESSES & MATHEMATICAL TOOLS			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Connections</b>			
(5.14) (A) identify mathematics in everyday situations	Unit 6, Session 4, 19	January Calendar Collector January Calendar Grid March Calendar Collector	
<b>Problem Solving</b>			
(5.14) (B) solve problems that incorporate understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness	Unit 2, Sessions 11, 15 Unit 4, Session 19	September Problem Solving January Problem Solving April Problem Solving May Problem Solving	

# Bridges Grade 5 TEKS Correlations (cont.)

UNDERLYING PROCESSES & MATHEMATICAL TOOLS			
TEKS	Bridges	Number Corner	Texas Supplement
<b>Problem Solving</b>			
(5.14) (C) select or develop an appropriate problem-solving plan or strategy, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem		September–February Problem Solving April Problem Solving	
(5.14) (D) use tools such as real objects, manipulatives, and technology to solve problems	Unit 1, Session 10 Unit 2, Session 13 Unit 3, Session 11 Unit 4, pages 562–564, Work Place 4D	Unit 6, Session 17	Activity 12 Activity 13 Independent Worksheet 16
<b>Communication</b>			
(5.15) (A) explain and record observations using objects, words, pictures, numbers, and technology	Unit 1, Sessions 5–7, 10, 12 Unit 2, Sessions 5, 16 Unit 3, Sessions 1, 11, 13–14 Unit 4, Sessions 9–11, 15, 17 Unit 5, Sessions 9, 15–16 Unit 6, Sessions 3, 7, 17, 20–21 Unit 7, Sessions 4, 6–7 Unit 8, Sessions 1, 4	December Calendar Grid January Calendar Collector March Calendar Collector	Activity 12 Activity 13 Independent Worksheet 16
<b>Communication (cont.)</b>			
(5.15) (B) relate informal language to mathematical language and symbols	Unit 1, Sessions 8, 12, 15 Unit 3, Sessions 6, 17 Unit 5, Session 6 Unit 6, Session 20 Unit 7, Sessions 2, 9		
(5.16) (A) make generalizations from patterns or sets of examples and non-examples	Unit 1, Sessions 15–16 Unit 3, Session 2 Unit 5, Sessions 10 Unit 7, Sessions 9		
<b>Representation</b>			
(5.16) (B) justify why an answer is reasonable and explain the solution process	Unit 1, Session 6 Unit 4, Session 19 Unit 6, Sessions 19	September–May Problem Solving Number Corner Student Book, pages 155–158, 165–169, 173–176	