

Bridges Kindergarten Correlations to Virginia Mathematics Standards of Learning

NUMBER & NUMBER SENSE				
Focus: Whole Number Concepts				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.1 The student, given two sets, each containing 10 or fewer concrete objects, will identify and describe one set as having more, fewer, or the same number of members as the other set, using the concept of one-to-one correspondence.	Volume 1, Sessions 4, 5, 7, 16, 17, 28, 29 Volume 2, Sessions 57, 64, 65, 84, 85, 92	October & November Our Month in School December Kid Count January Kid Count January Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 3, 4, 6 Set A6 Number & Operations: One Dot, Many Dots Calendar Pattern	Formal Kindergarten Yearlong Skills Assessment, Task 5
K.2a The student, given a set containing 15 or fewer concrete objects, will tell how many are in the set by counting the number of objects orally.	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, 5, 6 Set A6 Number & Operations: One Dot, Many Dots Calendar Pattern	Formal Kindergarten Yearlong Skills Assessment, Task 3
K.2b The student, given a set containing 15 or fewer concrete objects, will write the numeral to tell how many are in the set.	Volume 2, Sessions 68, 69, 74, 75, 92, 105		Set A4 Number & Operations: Addition & Subtraction, Activities 3, 6	
K.2c The student, given a set containing 15 or fewer concrete objects, will select the corresponding numeral from a given set of numerals.	Volume 1, Sessions 23, 26, 30, 43, 55 Volume 2, Sessions 62, 68, Volume 2, pp 337–339 (WP 2G)		Set A4 Number & Operations: Addition & Subtraction, Activities 2, 4,	
K.3 The student, given an ordered set of ten objects and/or pictures, will indicate the ordinal position of each object, first through tenth, and the ordered position of each object.	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 & 4 Sets C4, C5, C6, D7, D8, D9: Calendar Patterns Bridges Practice Book, pp. 16, 70	Informal Bridges Practice Book, page 70
				Formal Kindergarten Yearlong Skills Assessment, Task 2
K.4a The student will count forward to 100 and backward from 10.	Volume 1, pages 97–98 (Spider Countdown) Volume 2, Session 59	February–May A Link Each School Day February Day 100 Activities	Set A1 Number & Operations: Counting on the Number Line, Activities 1–3 Bridges Practice Book, pp 1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 36, 37, 38, 39, 45, 48, 49, 60, 61, 63, 68	Informal Volume 2, p 384 (Instructional Considerations for Frog Handfuls) Bridges Practice Book, pp 1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 36, 37, 38, 39, 45, 48, 49, 60, 61, 63, 68
				Kindergarten Yearlong Skills Assessment, Task 1

Bridges Kindergarten Correlations to Virginia Mathematics Standards of Learning (cont.)

NUMBER & NUMBER SENSE				
Focus: Whole Number Concepts				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.4b The student will identify one more than a number and one less than a number.	Volume 1, Sessions 19, 25, 31 Volume 1, pp 97–100 (Bugs) Volume 1, p 144 (HC 6) Volume 2, Sessions 101, 103 Volume 2, pp 375–376 (HC 20)	December Our Month in School January Our Month in School October–May A Link Each School Day	Set A1 Number & Operations: Counting on the Number Line, Activities 1–3 Bridges Practice Book, pp 22, 23, 24, 25, 35, 50, 51	Informal Bridges Practice Book, pp 22, 23, 24, 25, 35, 50, 51
K.4c The student will count by fives and tens to 100.	Volume 1, Session 4 Volume 2, Session 85	February – May A Link Each School Day	Set A1 Number & Operations: Counting on the Number Line, Activity 1	
K.5 The student will identify the parts of a set and/or region that represent fractions for halves and fourths.	Volume 2, Session 114		Set A2 Number & Operations: Fractions, Activities 1–3	

COMPUTATION & ESTIMATION				
Focus: Whole Number Operations				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.6 The student will model adding and subtracting whole numbers, using up to 10 concrete objects.	Volume 1, Sessions 25, 28–29, 31, 40, 49 Volume 1, pp 97–100 (Continuing to Count on Bugs) Volume 2, Sessions 57–58, 73–75, 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	Informal Volume 2, pp 348–350 (Sea Creature Problems: Finishing Up) Volume 2, pp 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
				Formal Kindergarten Yearlong Skills Assessment, Task 10

Bridges Kindergarten Correlations to Virginia Mathematics Standards of Learning (cont.)

MEASUREMENT				
Focus: Instruments and Attributes				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
<p>K.7 The student will recognize a penny, nickel, dime, and quarter and will determine the value of a collection of pennies and/or nickels whose total value is 10 cents or less.</p>	<p>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)</p>	<p>February Our Month in School</p>	<p>Set A1 Number & Operations: Counting on the Number Line, Activity 1 Set D7 Measurement: Coins Calendar Pattern Bridges Practice Book, pp 45, 61</p>	<p>Informal Volume 2, page 288 (Instructional Considerations for Sock Boxes & Coins: Beat You to 20+) Volume 2, page 295 (Instructional Considerations for Race You to 15+) Volume 2, page 422 (Instructional Considerations for Race You to 30+) Bridges Practice Book, pp 45, 61</p>
				<p>Formal Getting Started, pages 72 & 74 (Interviews 3 & 4)</p>
<p>K.8 The student will identify the instruments used to measure length (ruler), weight (scale), time (clock: digital and analog; calendar: day, month, and season), and temperature (thermometer).</p>		<p>September-May Calendar Grid March, April, May Bean Clock</p>	<p>Set D2 Measurement: Weight, Activities 1–3 Set D5 Measurement: Temperature, Activities 1–3 Set D8 Measurement: Measuring Tools Calendar Pattern Bridges Practice Book, pp 47, 55</p>	
<p>K.9 The student will tell time to the hour, using analog and digital clocks.</p>		<p>March, April, May Bean Clock</p>	<p>Set D9 Measurement: Morning, Noon & Night Calendar Pattern Bridges Practice Book, p 55</p>	<p>Informal Bridges Practice Book, p 55</p>
<p>K.10 The student will compare two objects or events, using direct comparisons or nonstandard units of measure, according to one or more of the following attributes: length (shorter, longer), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder). Examples of nonstandard units include foot length, hand span, new pencil, paper clip, and block.</p>	<p>Volume 1, Session 2 Volume 1, pp 32–33 (WP 1A) Volume 2, Sessions 94, 95, 113, 114 Volume 2, p 410 (HC 21)</p>		<p>Set D1 Measurement: Length, Activities 1–3 Set D2 Measurement: Weight, Activities 1–3 Set D5 Measurement: Temperature, Activities 1–3 Bridges Practice Book pp 28, 29, 30, 67</p>	

Bridges Kindergarten Correlations to Virginia Mathematics Standards of Learning (cont.)

GEOMETRY				
Focus: Plane Figures				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.11a The student will identify, describe, and trace plane geometric figures (circle, triangle, square, and 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	Set C5 Geometry: Growing Shapes Calendar Pattern 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 Kindergarten Yearlong Skills Assessment, Task 4
K.11b The student will compare the size (larger, smaller) and shape of plane geometric figures (circle, triangle, square, and rectangle).	Volume 1, Sessions 1, 5, 7, 11, 12, 53, 54 Volume 1, p 59 (HC 1)			
K.12 The student will describe the location of one object relative to another (above, below, next to) and identify representations of plane geometric figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space.	Volume 1, Sessions 3, 14, 15, 24, 33, 35, 36, 44, 45, 56		Set C2 Geometry: Locations, Activities 1–3 Set C3 Geometry: Flying Butterflies Calendar Pattern Set C4 Geometry: Teddy Bear & Box Calendar Pattern Set C5 Geometry: Growing Shapes	

PROBABILITY & STATISTICS				
Focus: Data Collection & Display				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.13 The student will gather data by counting and tallying.	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, p 54	Informal Bridges Practice Book, p 54

Bridges Kindergarten Correlations to Virginia Mathematics Standards of Learning (cont.)

PROBABILITY & STATISTICS				
Focus: Data Collection & Display				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.14 The student will display gathered data in object graphs, picture graphs, and tables, and will answer questions related to the data.	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, p 54	Informal Bridges Practice Book, p 54

PATTERNS, FUNCTIONS & ALGEBRA				
Focus: Attributes & Patterning				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.15 The student will sort and classify objects according to attributes.	Volume 1, Sessions 1, 3, 5, 7, 9–12, 14, 24, 33, 35–36, 44–45, 53–54 Volume 1, pp 34–35 (Work Places 1B and 1C) Volume 1, pp 72–73 (HC 2) Volume 1, pp 46, 69, 149, and 181 (Technology Connections 1, 2, 3, and 4) Volume 2, Sessions 117–120 Volume 2, pp 424–425 (HC 22)	September Calendar Grid	Bridges Practice Book, pp 7, 8, 9, 33, 34, 72	Informal Instructional Considerations: Volume 1, p 155 Volume 2, p 501 Bridges Practice Book, pp 7, 8, 9, 33, 34, 72
				Formal Kindergarten Yearlong Skills Assessment, Task 7 Getting Started, pp 75–76 (Assessment Worksheet 1)
K.16 The student will identify, describe, and extend repeating patterns.	Volume 1, Sessions 21, 22, 38, 39 Volume 2, pp 397–399 (Frog Quilt)	September Calendar Grid	Set B1 Algebra: Patterns, Activities 1–3 Set C3 Geometry: Flying Butterflies Calendar Pattern Set C4 Geometry: Bear & Box Calendar Pattern Set C6 Geometry: 3-D Shapes in the World Calendar Pattern Set D8 Measurement: Measuring Tools Calendar Pattern Set D9 Measurement: Morning, Noon & Night Calendar Pattern Bridges Practice Book, pp 12, 17, 52	Informal Bridges Practice Book, pp 12, 17, 52
				Formal Kindergarten Yearlong Skills Assessment, Task 6 Getting Started, p 83 (Assessment Worksheet 5)

