

# Bridges Kindergarten Correlations to Indiana Academic Standards for Mathematics

## STANDARD 1: NUMBER SENSE

Students understand the relationship between numbers and quantities up to 10, and that a set of objects has the same number in all situations regardless of the position or arrangement of the objects.

Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.1.1 Match sets of objects one-to-one.	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	
K.1.2 Compare sets of up to ten objects and identify whether one set is equal to, more than, or less than another.	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.1.3 Know that larger numbers describe sets with more objects in them than sets described by smaller numbers.	Home Connections 8, 15		Set A6, Number & Operations: One Dot, Many Dots Calendar Pattern	<b>Formal</b> Kindergarten Yearlong Skills Assessment, Task 3*
K.1.4 Divide sets of ten or fewer objects into equal groups.			Set A2 Number & Operations: Fractions, Activity 2	
K.1.5 Divide shapes into equal parts.	Volume 2, Session 114		Set A2 Number & Operations: Fractions, Activities 1, 3	
K.1.6 Count, recognize, represent, name, and order a number of objects (up to 10).	Volume 1, Sessions 4, 5, 7, 16, 17, 19, 23, 25–27, 30, 40, 43, 50, 51, 55, 56 Volume 1, page 216 (HC 11) Volume 2, Sessions 57, 64, 65, 99	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, pp 1, 2, 3, 4, 5, 6, 10, 11, 13, 14, 18, 19, 20, 26, 30, 31, 36 Kindergarten Yearlong Skills Assessment, Tasks 1, 2, 3, 8, 9*

\* The Kindergarten Yearlong Skills Assessment can be accessed on the Math Learning Center web site on the Kindergarten Support Page: [www.mathlearningcenter.org](http://www.mathlearningcenter.org)

# Bridges Kindergarten Correlations to Indiana Academic Standards for Mathematics (cont.)

STANDARD 1: NUMBER SENSE				
Students understand the relationship between numbers and quantities up to 10, and that a set of objects has the same number in all situations regardless of the position or arrangement of the objects.				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.1.7 Find the number that is one more than or one less than any whole number up to 10.	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.1.8 Use correctly the words one/many, none/some/all, more/less, and most/least.	Volume 1, Sessions 5, 7, 16–17, 28–29, 40, 46, 49 Volume 2, Sessions 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, pp 3, 4, 5, 6, 13, 14, 21, 26, 28, 30, 31, 54, 67	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, pp 3, 4, 5, 6, 13, 14, 21, 26, 28, 30, 31, 54, 67
				Formal Getting Started, pages 81–82 (Assessment Worksheet 4)
K.1.9 Record and organize information using objects and pictures.	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 Indiana Academic Standards for Mathematics (cont.)

STANDARD 2: COMPUTATION				
Students understand and describe simple additions and subtractions.				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.2.1 Model addition by joining sets of objects (for any two sets with fewer than 10 objects when joined).	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, 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, pages 348–350 (Sea Creature Problems: Finishing Up) Volume 2, pages 470–471 (Instructional Considerations for Frog Problems)
				Formal Kindergarten Yearlong Skills Assessment, Task 10
K.2.2 Model subtraction by removing objects from sets (for numbers less than 10).	Volume 1, pages 97–100 (Continuing to Count on Bugs) Volume 2, Sessions 72–80, 82, 83, 105–110		Set A4 Number & Operations: Addition & Subtraction, Activities 1, 5, 7, 8	Informal Volume 2, pages 348–350 (Sea Creature Problems: Finishing Up) Volume 2, pages 470–471 (Instructional Considerations for Frog Problems)
				Formal Kindergarten Yearlong Skills Assessment, Task 10
K.2.3 Describe addition and subtraction situations (for numbers less than 10).	Volume 1, Sessions 25, 31 Volume 1, pages 97–100 (Continuing to Count on Bugs) Volume 1, page 144 (Home Connection 6) Volume 2, Sessions 57–58, 72–73, 76–78, 80, 82–83 105–111, 115–116 Volume 2, pages 375–376 (HC 20)	March Our Month in School April Our Month in School	Set A4 Number & Operations: Addition & Subtraction, Activities 1, 3, 5, 7, 8 Bridges Practice Book, pp 22, 23, 24, 25, 32, 40, 41, 42, 43, 44, 46, 53, 54, 56, 57, 58, 65, 69, 70, 71	Informal Volume 2, pages 348–350 (Sea Creature Problems: Finishing Up) (Instructional Considerations for Frog Problems) Bridges Practice Book, pp 22, 23, 24, 25, 32, 40, 41, 42, 43, 44, 46, 53, 54, 56, 57, 58, 65, 69, 70, 71
				Formal Getting Started, page 73–74 (Interview 4) Kindergarten Yearlong Skills Assessment, Task 10

## Bridges Kindergarten Correlations to Indiana Academic Standards for Mathematics (cont.)

### STANDARD 3: ALGEBRA AND FUNCTIONS

Students sort and classify objects.

Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.3.1 Identify, sort, and classify objects by size, number, and other attributes. Identify objects that do not belong to a particular group.	Vol. 1, Sessions 1, 5, 7, 9, 11, 12, 18, 20, 53, 54 Vol. 1, pp 95–96 (Ladybugs, Spiders & Ants: A Sorting Worksheet) Vol. 2, Sessions 88–91		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
K.3.2 Identify, copy, and make simple patterns with numbers and shapes.	Vol. 1, Sessions 15, 21, 22, 39, 52 Vol. 2, Session 103 Vol. 2, p 399 (Quilt Observations)	September Calendar Grid	Set B1 Algebra: Patterns, Activities 1–3 Sets A6, C3, C4, C5, C6, D7, D8, D9: Calendar Patterns Bridges Practice Book, pp 12, 17, 52	Informal Bridges Practice Book, pp 12, 17, 52  Formal Kindergarten Yearlong Skills Assessment, Task 6

### STANDARD 4: GEOMETRY

Students identify common objects around them and describe their geometric features and position.

Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.4.1 Identify and describe common geometric objects: circle, triangle, square, rectangle, and cube.	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 Set C6 Geometry: 3-D 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

## Bridges Kindergarten Correlations to Indiana Academic Standards for Mathematics (cont.)

### STANDARD 4: GEOMETRY

Students identify common objects around them and describe their geometric features and position.

Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.4.2 Compare and sort common objects by position, shape, size, roundness, and number of vertices.	Volume 1, Sessions 1, 5, 9–12, 14, 53–54 Volume 1, pp 72–73 (Home Connection 2)	September Calendar Grid	Bridges Practice Book, pp 33, 34	Informal Bridges Practice Book, pp 33, 34
				Formal Getting Started, pages 71–72 (Interview 3) Getting Started, pages 75–76 (Assessment Worksheet 1) Kindergarten Yearlong Skills Assessment, Task 7
K.4.3 Identify and use the terms: inside, outside, between, above, and below.	Volume 1, Sessions 3, 24, 56		Set C2 Geometry: Locations, Activities 1–3 Set C3 Geometry: Flying Butterflies Calendar Pattern Set C4 Geometry: Teddy Bear & Box Calendar Pattern	

### STANDARD 5: MEASUREMENT

Students understand the concept of time and units to measure it. They understand that objects have length, capacity, weight, and temperature, and that they can compare objects using these qualities.

Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.5.1 Make direct comparisons of the length, capacity, weight, and temperature of objects and recognize which object is shorter, longer, taller, lighter, heavier, warmer, cooler or holds more.	Volume 1, Session 2 Volume 1, pp 32–33 (WP 1A) Volume 2, Sessions 94, 95, 113, 114 Volume 2, p 410 (HC 21)		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	
K.5.2 Understand concepts of time: morning, afternoon, evening, today, yesterday, tomorrow, week, month, and year. Understand that clocks and calendars are tools that measure time.		September – May Calendar Grid September – May Here’s When We Were Born Chart January – February Yesterday, Today, Tomorrow March, April, May Bean Clock	Set D8 Measurement: Measuring Tools Calendar Pattern Set D9 Measurement: Morning, Noon & Night Calendar Pattern Bridges Practice Book, p 51, 52, 55	Informal Bridges Practice Book, p 55

## Bridges Kindergarten Correlations to Indiana Academic Standards for Mathematics (cont.)

STANDARD 6: PROBLEM SOLVING				
Students make decisions about how to set up a problem.				
Standards	Bridges	Number Corner	Bridges Supplement	Assessments
K.6.1 Choose the approach, materials, and strategies to use in solving problems.	Vol. 1, Sessions 11, 12, 15, 21, 22, 31, 38, 40, 43–45, 52, 55 Vol. 2, Sessions 59, 61, 68, 72–80, 94, 109–111, 117, 119, 120	September–May Calendar Grid December Our Month in School January Our Month in School Number Corner TG, pp 199–201 (How Many Candies?) March Our Month in School April Our Month in School	Bridges Practice Book pp 43, 54, 58, 59	Informal Volume 2, pp 348–350 (Sea Creature Problems: Finishing Up) Volume 2, pp 470–471 (Frog Problems, Work Place 20, Instructions & Instructional Considerations)
K.6.2 Use tools such as objects or drawings to model problems.	Vol. 1, Sessions 19, 27, 31 Vol. 1, pp 13–16 (Integrated Themes, Literacy Ties) Vol. 1, pp 97–100 (Continuing to Count on Bugs) Vol. 2, Sessions 72–80, 82, 83, 89, 91, 105–111 Technology Connections: Quilts & Pattern Block Puzzles Kindergarten Poems & Songs Portfolio	March Our Month in School April Our Month in School	Set D5 Measurement: Temperature, Activities 1–3 Set D8 Measurement: Measuring Tools Calendar Pattern Bridges Practice Book, pp 47	
K.6.3 Explain the reasoning used with concrete objects and pictures.	Volume 1, Sessions 44–45, 52, 55 Volume 2, Sessions 58, 61, 74–75, 79, 82–83, 105–107, 111, 117	March Our Month in School April Our Month in School	Bridges Practice Book, pp 43, 58, 59	Informal Volume 2, pages 348–350 (Sea Creature Problems: Finishing Up) Bridges Practice Book, pp 43, 58, 59
K.6.4 Make precise calculations and check the validity of the results in the context of the problem.	Volume 1, Sessions 4, 19, 25, 31 Volume 1, pages 97–100 (Continuing to Count on Bugs) Volume 2, Sessions 59, 84, 85, 92, 93		Set A4 Number & Operations: Addition and Subtraction, Activities 1–8	