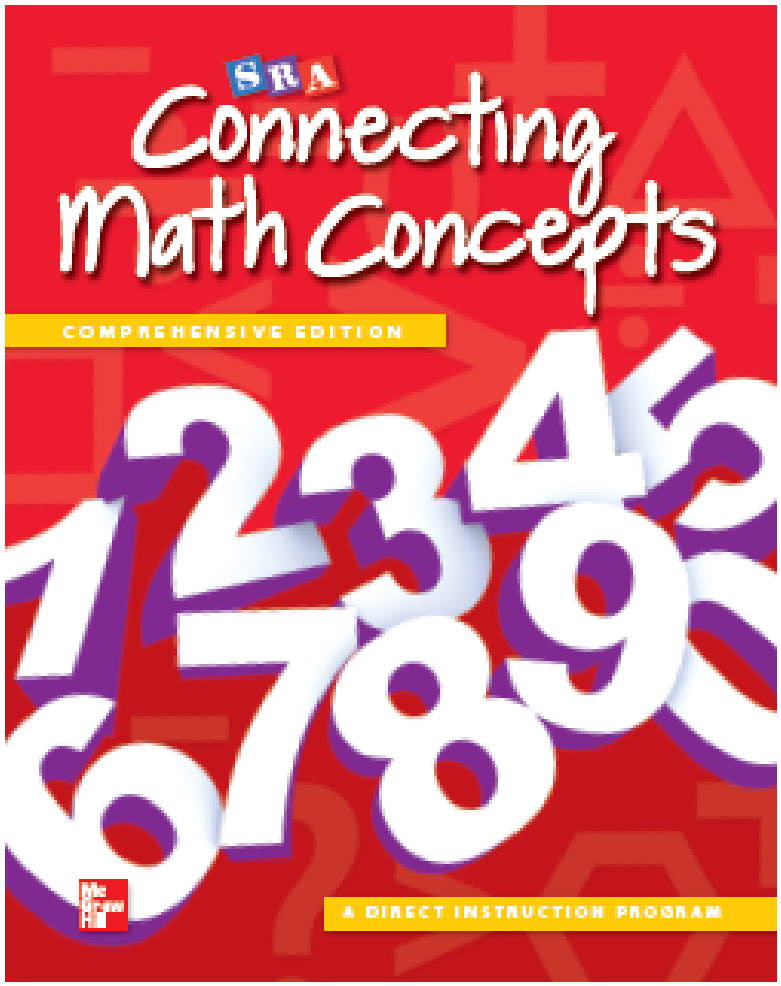
SRA Wright Group

Mathematics
Kindergarten

COMMON CORE STATE STANDARDS INITIATIVE
PREPARING AMERICA'S STUDENTS FOR COLLEGE & CAREER

SRA® Connecting Math Concepts Comprehensive Edition Level K

Correlation to Math CCSS



Level A Correlation to Grade K Common Core State Standards for Mathematics

Counting and Cardinality (K.CC)

Know number names and the count sequence.

1. Count to 100 by ones and by tens.

Lesson	1	2	3/3P	4	5/5P	6/6P	7	8	9/9P	10
Exercise	1.1, 1.5, 1.7	2.1, 2.4, 2.6	3.1, 3.5, 3.6	4.1, 4.4, 4.6	5.1, 5.4, 5.6	6.1, 6.6	7.2, 7.6	8.2, 8.6	9.1, 9.7	10.1, 10.7

Lesson	11/11P	12	13	14	15/15P	16	17	18	19	20
Exercise	11.1, 11.3, 11.8	12.1, 12.7	13.1, 13.7	14.3	15.1, 15.6	16.1, 16.5	17.1, 17.4, 17.7	18.1, 18.3, 18.6, 18.8	19.1, 19.4, 19.7, 19.9	20.1, 20.3, 20.5

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.1	22.1, 22.4	23.1, 23.3	24.3	25.2, 25.7	26.2	27.1, 27.5	28.1	29.1	30.1, 30.7

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.1	32.1	33.1, 33.4	34.5	35.5	36.3	37.1	38.1, 38.2	39.1, 39.2	40.1

Counting and Cardinality (K.CC)

Know number names and the count sequence.

2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

Lesson	14	15/15P	16	17	18	19	20	21	22	23
Exercise	14.1, 14.7	15.8	16.5	17.1, 17.4, 17.7	18.1, 18.3, 18.6, 18.8	19.1, 19.4, 19.7	20.1, 20.5	21.1	22.1, 22.4	23.1, 23.3

Lesson	24	25	26	27	28	29	30	31	32	33
Exercise	24.3	25.2, 25.7	26.2	27.1, 27.5	28.1	29.1	30.1, 30.7	31.1, 31.4	32.1, 32.8	33.1, 33.4, 33.6

Lesson	34	35	36	37	38	39	40
Exercise	34.2, 34.5, 34.8	35.1, 35.3, 35.5	36.3, 36.5	37.1. 37.3, 37.6	38.1, 38.2, 38.6	39.1, 39.2, 39.6	40.1, 40.3

Counting and Cardinality (K.CC)

Know number names and the count sequence.

3. Write numbers from 0 to 20. Represent a number of objects with a written numeral 0–20 (with 0 representing a count of no objects.)

Lesson	1/1P	2	3/3P	4	5/5P	6/6P	7	8	9/9P	10
Exercise	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.9	10.8

Lesson	11/P	12	13	14	15/P	16	17	18	19	20
Exercise	11.10	12.10	13.10	14.11	15.5, 15.10	16.4, 16.9	17.5, 17.12	18.4, 18.11	19.3, 19.11	20.7, 20.9

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.10, 21.11	22.10, 22.11	23.9, 23.10	24.7, 24.9	25.9, 25.10	26.7, 26.11	27.10	28.8, 28.11	29.9, 29.11	30.9, 30.12

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.9, 31.12	32.7, 32.12	33.3, 33.12	34.7, 34.9, IW34.11	35.9, IW35.12	IW36.9	37.8, IW37.11	38.8, IW38.11	39.8, IW39.11	40.7, IW40.9

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.

Lesson	1	2	3/3P	4	5/5P	6/6P	7	8	9/9P	10
Exercise	1.1, 1.5	2.1, 2.4	3.1, 3.5	4.1, 4.4	5.1, 5.4	6.3	7.5	8.5	9.5	10.5

Lesson	11/11P	12	13	14	15/15P	16	17	18	19	20
Exercise	11.7	12.2, 12.8	13.5	14.4, 14.6, 14.8, 14.10	15.3, 15.5, 15.9, 15.11	16.2, 16.4, 16.6, 16.8, 16.10	17.2, 17.5, 17.9, 17.11	18.4, 18.7, 18.10	19.3, 19.5	20.7, 20.8

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.4, 21.8, 21.9, 21.10	22.2, 22.8, 22.9	23.7, 23.8, 23.9	24.6, 24.7	25.6, 25.9	26.6, 26.7, 26.8	27.7	28.8	29.9	30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.9	32.3, 32.9	33.10	34.9, IW34.11	IW35.12	IW36.9	IW37.11	IW38.11	IW39.11	IW40.9

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   b. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.

Lesson	1	2	3/3P	4	5/5P	6/6P	7	8	9/9P	10
Exercise	1.1, 1.5	2.1, 2.4	3.1, 3.5	4.1, 4.4	5.1, 5.4	6.3	7.5	8.5	9.5	10.5

Lesson	11/11P	12	13	14	15/15P	16	17	18	19	20
Exercise	11.6, 11.7	12.2, 12.8	13.5	14.4, 14.6, 14.8, 14.10	15.3, 15.5, 15.9, 15.11	16.2, 16.4, 16.6, 16.8, 16.10	17.2, 17.5, 17.9, 17.11	18.4, 18.7, 18.10	19.3, 19.5	20.7, 20.8

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.4, 21.8, 21.9, 21.10	22.2, 22.8, 22.9	23.7, 23.8	24.6, 24.7	25.6, 25.9	26.6, 26.7, 26.8	27.7	28.8	29.9	30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.9	32.3, 32.9	33.10	34.9, IW34.11	IW35.12	IW36.9	IW37.11	IW38.11	IW39.11	IW40.9

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   c. Understand that each successive number name refers to a quantity that is one larger.

Lesson	1	2	3/3P	4	5/5P	6/6P	7	8	9/9P	10
Exercise	1.1, 1.5, 1.7	2.1, 2.4, 2.6	3.1, 3.5, 3.6	4.1, 4.4, 4.6	5.1, 5.4, 5.6	6.3, 6.6	7.5, 7.6	8.5, 8.6	9.5, 9.7	10.5, 10.6

Lesson	11/11P	12	13	14	15/15P	16	17	18	19	20
Exercise	11.6, 11.7, 11.8	12.2, 12.7, 12.9	13.5, 13.7	14.4, 14.6, 14.8, 14.10	15.3, 15.5, 15.6, 15.9, 15.11	16.2, 16.4, 16.6, 16.8, 16.10	17.2, 17.4, 17.5, 17.9, 17.11	18.3, 18.4, 18.7, 18.10	19.3, 19.5, 19.9	20.1, 20.7, 20.8

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.1, 21.4, 21.8, 21.9, 21.10	22.2, 22.8, 22.9	23.7, 23.8	24.6, 24.7	25.6, 25.9	26.6, 26.7, 26.8	27.5, 27.7	28.1, 28.8	29.1, 29.9	30.1, 30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.1, 31.4, 31.9	32.3, 32.8, 32.9	33.1, 33.6, 33.10	34.2, 34.8, 34.9, IW34.11	35.3, 35.5, IW35.12	36.1, IW36.9	37.3, IW37.11	38.6, IW38.11	39.6, IW39.11	40.3, IW40.9

Counting and Cardinality (K.CC)

Count to tell the number of objects.

5. Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.

Lesson	6/6P	7	8	9/9P	10	11/11P	12	13	14	15/15P
Exercise	6.3	7.5	8.5	9.5	10.5	11.7	12.2, 12.8	13.5	14.4, 14.6, 14.8, 14.10	15.3, 15.9, 15.11

Lesson	16	17	18	19	20	21	22	23	24	25
Exercise	16.2, 16.4, 16.6, 16.8, 16.10	17.2, 17.5, 17.9, 17.11	18.4, 18.10	19.5	20.8, 20.10	21.4, 21.9	22.9	23.7, 23.8	24.6, 24.7	25.6, 25.9

Lesson	26	27	28	29	30	31	32	33	34	35
Exercise	26.6, 26.7	27.7	28.6	29.9	30.9	31.9	32.3, 32.9	33.10	34.9	IW35.12

Lesson	36	37	38	39	40
Exercise	IW36.9	IW37.11	IW38.11	IW39.11	IW40.9

Counting and Cardinality (K.CC)

Compare numbers.

6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.[1]

[1]Include groups with up to 10 objects

Lesson	19	20	21	22	23	24	25	26	27	28
Exercise	19.6	20.4	21.7	22.7	23.6	24.8	25.8	26.9	27.9	28.10

Lesson	29	30	31	32	33	35	36
Exercise	29.10	30.11	31.10	32.11	33.11	IW35.12	IW36.9

Counting and Cardinality (K.CC)

Compare numbers.

7. Compare two numbers between 1 and 10 presented as written numerals.
   This standard is first addressed in **Lesson 79.**

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Lesson	17	18	19	20	21	22	23	24	25	26
Exercise	17.8	18.5	19.8	20.6	21.3, 21.6	22.5	23.4	24.5	25.3, 25.4	26.3, 26.5, 26.10

Lesson	27	28	29	30	31	32	33	34	35	36
Exercise	27.3, 27.4, 27.8	28.3, 28.4	29.3, 29.4, 29.8	30.4, 30.6, 30.10	31.5, 31.6, 31.11	32.4, 32.6, 32.10	33.5, 33.8	34.3, 34.6, 34.10	35.4, 35.7, 35.11	36.4, 36.8

Lesson	37	38	39	40
Exercise	37.7, 37.9	38.7, 38.9, 38.10	39.7, 39.9, 39.10	40.4, 40.6, 40.8

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

2. Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

Lesson	25	26	27	28	29	30	31	32	33	34
Exercise	25.3	26.3	27.4	28.5	29.5	30.5	31.7	32.7	33.3, 33.5	34.6, 34.7

Lesson	35	36	37	38	39	40
Exercise	35.7, 35.9	36.4, 36.6, 36.8	37.4, 37.7, 37.9	38.4, 38.7	39.4, 39.7	40.5, 40.6, 40.8

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

3. Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).
   This standard is first addressed in **Lesson 76.**

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

4. For any number from 1 to 9, find the number that makes 10 when added to a given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.
   This standard is first addressed in **Lesson 116.**

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

5. Fluently add and subtract within 5.
   This standard is first addressed in **Lesson 56.**

Number and Operations in Base Ten (K.NBT)

Work with numbers 11–19 to gain foundations for place value.

1. Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., 18 = 10 + 8); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.
   This standard is first addressed in **Lesson 57.**

Measurement and Data (K.MD)

Describe and compare measurable attributes.

1. Describe measurable attributes of objects, such as length or weight. Describe several measureable attributes of a single object.
   This standard is first addressed in **Lesson 112.**

Measurement and Data (K.MD)

Describe and compare measurable attributes.

2. Directly compare two objects with a measureable attribute in common to see which object has "more of"/"less of" that attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.
   This standard is first addressed in **Lesson 97.**

Measurement and Data (K.MD)

Classify objects and count the number of objects in each category.

3. Classify objects into given categories; count the number of objects in each category and sort the categories by count.
   This standard is first addressed in **Lesson 116.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as *above, below, beside, in front of, behind,* and *next to.*
   This standard is first addressed in **Lesson 94.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

2. Correctly name shapes regardless of their orientations or overall size.
   This standard is first addressed in **Lesson 85.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

3. Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").
   This standard is first addressed in **Lesson 116.**

Geometry (K.G)

Analyze, compare, create, and compose shapes.

4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).
   This standard is first addressed in **Lesson 94.**

Geometry (K.G)

Analyze, compare, create, and compose shapes.

5. Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.
   This standard is addressed in the following activities of the Student Practice Software:
   - **Block 6:** Activity 3
   - **Block 6:** Activity 6

Geometry (K.G)

Analyze, compare, create, and compose shapes.

6. Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"
   This standard is addressed in the following activity of the Student Practice Software:
   - **Block 6:** Activity 3

Level A Correlation to Grade K Common Core State Standards for Mathematics

Counting and Cardinality (K.CC)

Know number names and the count sequence.

1. Count to 100 by ones and by tens.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.1, 41.4	42.1, 42.4, 42.6	43.1, 43.4	44.1	45.1	46.1	47.1	48.1	49.1, 49.2	50.1, 50.6

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.1, 51.4	52.1, 52.2	53.1, 53.3	54.2, 54.4	55.1, 55.3	56.2, 56.6	57.1, 57.5	58.1, 58.3	59.1, 59.3, 59.7	60.1, 60.4, 60.5

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1, 61.3	62.2, 62.5	63.1, 63.5	64.1, 64.5	65.1, 65.6	66.1, 66.4, 66.6, 66.9	67.1, 67.4, 67.6	68.2, 68.6, 68.7, 68.9, 68.10	69.1, 69.4, 69.6, 69.10	70.1, 70.6, 70.8, 70.10

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.1, 71.4, 71.5, 71.11	72.1, 72.6, 72.9, 72.11	73.1, 73.3, 73.5, 73.6, 73.12	74.1, 74.2, 74.6, 74.12	75.1, 75.4, 75.11	76.1, 76.4, 76.5	77.2, 77.5	78.1, 78.4	79.1, 79.5	80.1, 80.5

Counting and Cardinality (K.CC)

Know number names and the count sequence.

2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.1, 41.4	42.1, 42.4, 42.6	43.1	44.1	45.1	46.1	47.1	48.1	49.1	50.2

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.1	52.2	53.1	54.4	55.1	56.2	57.1	58.1	59.3	60.1

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1	62.2	63.1	64.1	65.1	66.1	67.1	68.2	69.4	70.1

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.1	72.1	73.1	74.1	75.1	76.1	77.2	78.1	79.1	80.1

Counting and Cardinality (K.CC)

Know number names and the count sequence.

3. Write numbers from 0 to 20. Represent a number of objects with a written numeral 0–20 (with 0 representing a count of no objects.)

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.11	42.7, 42.12	IW43.9	IW4.9	45.8, IW45.10	IW46.9	IW47.10	IW48.10	IW49.11	50.4, IW50.12

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.7, IW51.11	52.7, IW52.11	IW53.11	IW54.10	55.8, IW55.11	IW56.10	57.8, IW57.11	IW58.10	IW59.11	IW60.11

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.5, IW61.10	62.1, 62.6, IW62.10	63.2, 63.3, 63.6, IW63.11	64.2, 64.10, IW64.11	65.2, 65.10, IW65.11	IW65.12	67.8, IW67.11	68.9, IW68.11	69.8, 69.10, IW69.11	70.8, IW70.11

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.11, IW71.12	72.4, 72.9, 72.11, IW72.12	73.5, 73.11, 73.12, IW73.13	74.7, IW74.12	75.9, IW75.11	76.9, IW76.11	77.8, IW77.12	78.10, IW78.11	79.11, IW79.12	80.11

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.5, 41.6, 41.7, 41.9, 41.10	42.5, 42.8, 42.9, 42.10, 42.11	43.6, 43.7	44.6, 44.7, 44.8	45.4, 45.6, 45.7, 45.9	46.6, 46.7, 46.8	47.5, 47.7, 47.8	48.6, 48.7, 48.8	49.6, 49.8, 49.9	50.5, 50.8, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.6, 51.8	52.6, 52.9, 52.10	53.4, 53.8	54.1, 54.5, 54.8	55.4, 55.7, 55.9	56.3, 56.9	57.6, 57.7, 57.10	58.7, 58.9	59.6, 59.10, 59.11	60.6, 60.10

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.4, 61.8, 61.9	62.3, 62.8	63.4, 63.7, 63.9	64.4, 64.9	65.7, 65.8, 65.9	66.4, 66.9, 66.10, 66.11	67.4, 67.7, 67.8, 67.10	68.6, 68.8, 68.9, 68.10	69.1, 69.7, 69.8, 69.10	70.3, 70.8, 70.9, 70.10

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.4, 71.6, 71.9, 71.10, 71.11	72.2, 72.3, 72.4, 72.9, 72.10, 72.11	73.3, 73.5, 73.9, 73.10, 73.11, 73.12	74.7, 74.8, 74.9	75.7, 75.8, 75.9	76.5, 76.9, 76.10	77.6, 77.8, 77.11	78.2, 78.6, 78.7, 78.10	79.6, 79.7, 78.8, 79.11	80.6, 80.7, 80.8, 80.11

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   b. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.5, 41.6, 41.7, 41.9, 41.10	42.5, 42.8, 42.9, 42.10, 42.11	43.6, 43.7	44.6, 44.7, 44.8	45.4, 45.6, 45.7, 45.9	46.6, 46.7, 46.8	47.5, 47.7, 47.8	48.6, 48.7, 48.8	49.6, 49.8, 49.9	50.5, 50.8, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.6, 51.8	52.6, 52.9, 52.10	53.4, 53.8	54.1, 54.5, 54.8	55.4, 55.7, 55.9	56.3, 56.9	57.6, 57.7, 57.10	58.7, 58.9	59.6, 59.10, 59.11	60.6, 60.10

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.4, 61.8, 61.9	62.3, 62.8	63.4, 63.7, 63.9	64.4, 64.9	65.7, 65.8, 65.9	66.4, 66.9, 66.10, 66.11	67.4, 67.7, 67.8, 67.10	68.6, 68.8, 68.9, 68.10	69.1, 69.7, 69.8, 69.10	70.3, 70.8, 70.9, 70.10

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.4, 71.6, 71.9, 71.10, 71.11	72.2, 72.3, 72.4, 72.9, 72.10, 72.11	73.3, 73.5, 73.9, 73.10, 73.11, 73.12	74.7, 74.8, 74.9	75.7, 75.8, 75.9	76.5, 76.9, 76.10	77.6, 77.8, 77.11	78.2, 78.6, 78.7, 78.10	79.6, 79.7, 78.8, 79.11	80.6, 80.7, 80.8, 80.11

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   c. Understand that each successive number name refers to a quantity that is one larger.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.1, 41.4, 41.5, 41.6, 41.7, 41.9, 41.10	41.2, 42.4, 42.5, 42.6, 42.8, 42.9, 42.10, 42.11	43.1, 43.4, 43.6, 43.7	44.1, 44.5, 44.6, 44.7, 44.8	45.1, 45.4, 45.5, 45.6, 45.7, 45.9	46.1, 46.4, 46.6, 46.7, 46.8	47.1, 47.5, 47.6, 47.7, 47.8	48.1, 48.4, 48.6, 48.7, 48.8	49.1, 49.5, 49.6, 49.8, 49.9	50.2, 50.5, 50.8, 50.9, 50.10

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.1, 51.6, 51.8, 51.9	52.2, 52.6, 52.8, 52.9, 52.10	53.1, 53.4, 53.8, 53.9	54.1, 54.4, 54.5, 54.6, 54.8	55.1, 55.4, 55.7, 55.9, 55.10	56.2, 56.3, 56.7, 56.9	57.1, 57.6, 57.7, 57.9, 57.10	58.1, 58.6, 58.7, 58.9	59.3, 59.6, 59.10, 59.11	60.1, 60.6, 60.10

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1, 61.4, 61.8, 61.9, IW61.10	62.2, 62.3, 62.8, IW62.10	63.1, 63.4, 63.7, 63.9, IW63.11	64.1, 64.4, 64.9, IW64.11	65.1, 65.4, 65.7, 65.8, 65.9, IW65.11	66.1, 66.4, 66.9, 66.10, 66.11, IW66.12	67.1, 67.4, 67.7, 67.8, 67.10	68.2, 68.6, 68.8, 68.9, 68.10	69.1, 69.7, 69.8, 69.10, IW69.11	70.3, 70.8, 70.9, 70.10

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.1, 71.4, 71.6, 71.9, 71.10, 71.11, IW71.12	72.1, 72.2, 72.3, 72.4, 72.9, 72.10, 72.11, IW72.12	73.3, 73.5, 73.8, 73.9, 73.10, 73.11, 73.12	74.7, 74.8, 74.9	75.7, 75.8, 75.9, 75.10	76.5, 76.6, 76.9, 76.10	77.6, 77.8, 77.10, 77.11	78.2, 78.6, 78.7, 78.10	79.6, 79.7, 78.8, 79.11	80.6, 80.7, 80.8, 80.11

Counting and Cardinality (K.CC)

Count to tell the number of objects.

5. Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.5, 41.6, 41.7	42.5, 42.9, 42.10	43.6, 43.7, IW43.9	44.6, 44.7, 44.8, IW44.9	45.4, 45.6, 45.7, 45.9, IW45.10	46.6, 46.7, 46.8, IW46.9	47.3, 47.5, 47.7, 47.8, 47.9, IW47.10	48.6, 48.7, 48.8, 48.9, IW48.10	49.6, 49.8, 49.9, 49.10, IW49.11	50.5, 50.8, 50.9, 50.10, 50.11, IW50.12

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	52.6, 51.8, IW51.11	52.9, 52.10, IW52.11	53.8, IW53.11	54.5, 54.8, IW54.10	55.9, IW55.11	56.3 IW56.10	57.6, 57.7, 57.10, IW57.11	58.9, IW58.10	59.6, 59.10, 59.11, IW59.12	60.10, IW60.11

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.4, 61.9, IW61.10	62.3, 62.7, IW62.10	63.4, 63.7, IW63.11	64.4, 64.8	65.7, 65.8, 65.9	66.4, 66.9, 66.10, 66.11 IW66.12	67.4, 67.7, 67.8, 67.10	68.6, 68.8, 68.9, 68.10	69.1, 69.7, 69.8, 69.10	70.3, 70.8, 70.9, 70.10

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.4, 71.6, 71.9, 71.10, 71.11	72.2, 72.4, 72.9, 72.10, 72.11	73.3, 73.5, 73.10, 73.12	74.7, 74.8, 74.11	75.7	76.5, 76.9, 76.10	77.8, 77.11	78.6, 78.7, 78.10	79.6, 79.7, 79.11	80.6, 80.7, 80.11

Counting and Cardinality (K.CC)

Compare numbers.

6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.[1]

[1]Include groups with up to 10 objects

Lesson	44	45	46	47	48	49	50	51	52
Exercise	IW44.9	IW45.10	IW46.9	IW47.10	IW48.10	IW49.11	IW50.12	IW51.11	IW52.11

Lesson	53	54	55	59	60
Exercise	IW53.11	IW54.10	IW55.11	IW59.12	IW60.11

Counting and Cardinality (K.CC)

Compare numbers.

7. Compare two numbers between 1 and 10 presented as written numerals.

Lesson	79	80
Exercise	79.3	80.3

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.5, 41.6, 41.7, 41.9, 41.10	42.5, 42.8, 42.9, 42.10	43.6, 43.7	44.6, 44.7, 44.8	45.4, 45.6, 45.7, 45.9, IW45.10	46.6, 46.7, 46.8	47.5, 47.7, 47.8, 47.9, IW47.10	48.6, 48.7, 48.8, 48.9, IW48.10	49.6, 49.8, 49.9, 49.10, IW49.11	50.5, 50.8, 50.9, 50.11, IW50.12

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.6, 51.8, IW51.11	52.9, 52.10, IW52.11	53.8, IW53.11	54.5, 54.8, IW54.10	55.4, 55.9, IW55.11	56.3, 56.9, IW56.10	57.6, 57.7, 57.10, IW57.11	58.7, 58.9, IW58.10	59.6, IW59.12	60.10, IW60.11

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.7, IW61.10	62.9, IW62.10	63.8, IW63.11	64.6	65.3, 65.9	66.8, 66.10, IW66.12	67.7, 67.9, IW67.11	68.4, 68.8, IW68.11	69.7, 69.9, IW69.11	70.7, 70.9, IW70.11

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.8, 71.10, IW71.12	72.8, 72.10, IW72.12	73.9, IW73.13	74.8, 74.10, IW74.12	75.4, 75.6, 75.8, IW75.11	76.4, 76.8, 76.10, IW76.11	77.5, 77.7, 77.11, IW77.12	78.4, 78.5, 78.6, IW78.11	79.4, 79.5, 79.6, 79.10	80.4, 80.5, 80.7, 80.10

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

2. Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.5, 41.6, 41.9	42.5, 42.8, 42.10	43.4, 43.6, 43.7, 43.8	44.6, 44.7, 44.8	45.4, 45.6, 45.7, 45.9	46.4, 46.6, 46.7, 46.8	47.5, 47.6, 47.7, 47.8, 47.9	48.4, 48.6, 48.7, 48.8, 48.9	49.5, 49.6, 49.8, 49.9, 49.10	50.5, 50.8, 50.9, 50.10, 50.11

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.6, 51.8, 51.9, 51.10	52.6, 52.8, 52.9, 52.10	53.6, 53.8, 53.9, 53.10	54.5, 54.6, 54.8, 54.9	55.7, 55.9, 55.10	56.7, 56.9	57.7, 57.9, 57.10	58.5, 58.6, 58.7, 58.8, 58.9	59.1, 59.6, 59.8, 59.9, 59.10, 59.11	60.4, 60.8, 60.9, 60.10

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.3, 61.6, 61.7, 61.9	62.5, 62.7, 62.9	63.5, 63.8, 63.10	64.5, 64.6, 64.8	65.4, 65.6, 65.8, 65.9	66.6, 66.8, 66.10	67.6, 67.7, 67.9	68.4, 68.7, 68.8	69.6, 69.7, 69.9	70.5, 70.6, 70.9

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.5, 71.7, 71.8, 71.10	72.6, 72.7, 72.8, 72.10	73.4, 73.6, 73.8, 73.9	74.5, 74.6, 74.8, 74.9, 74.10	75.4, 75.5, 75.6, 75.8, 75.10	76.4, 76.6, 76.8, 76.10	77.5, 77.7, 77.10, 77.11	78.4, 78.6	79.4, 79.5, 79.6, 79.10	80.4, 80.5, 80.7, 80.10

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

3. Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).

Lesson	76	77	78	79	80
Exercise	76.2, 76.7	77.3, 77.9	78.9	79.9	80.9

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

4. For any number from 1 to 9, find the number that makes 10 when added to a given number, e.g., by using objects or drawings, and record the answer with a drawi ng or equation.
This standard is first addressed in **Lesson 116.**

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

5. Fluently add and subtract within 5.

Lesson	56	57	58	59	60	61	62	63	64	65
Exercise	56.3, 56.7, 56.9	57.6, 57.7, 57.9, 57.10	58.5, 58.6, 58.7, 58.9	59.6, 59.8, 59.10	60.3, 60.8, 60.10	61.7, 61.9, IW61.10	62.7, 62.9, IW62.10	63.4, 63.5, 63.8, 63.10, IW63.11	64.6, 64.8, IW64.11	65.4, 65.8, 65.9, IW65.11

Lesson	66	67	68	69	70	71	72	73	74	75
Exercise	66.8, IW66.12	67.9, IW67.11	IW68.11	69.9, IW69.11	70.5, 70.7, IW70.11	71.7, 71.8, IW71.12	72.7, 72.8, IW72.12	73.4, 73.8, IW73.13	74.5, 74.9, 74.10, IW74.12	75.5, 75.6, 75.10, IW75.11

Lesson	76	77	78	79	80
Exercise	76.3, 76.6, 76.8, IW76.11	77.4, 77.7, 77.10, IW77.12	IW78.11	79.4, 79.10, IW79.12	80.4, 80.10, IW80.12

Number and Operations in Base Ten (K.NBT)

Work with numbers 11–19 to gain foundations for place value.

1. Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., 18 = 10 + 8); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Lesson	57	58	59	60	61	62	63	64	65	66
Exercise	57.4	58.2, 58.3	59.1, 59.5	60.4, 60.6	61.4	62.3	63.7	64.4	65.7	66.4, 66.9, 66.11

Lesson	67	68	69	70	71	72	73	74	75	76
Exercise	67.4, 67.8, 67.10	68.5, 68.6, 68.10	69.1, 69.2, 69.8, 69.10	70.3, 70.4, 70.10	71.2, 71.4, 71.9, 71.11	72.2, 72.4, 72.5, 72.9, 72.11	73.3, 73.5, 73.7, 73.11, 73.12	74.4, 74.7, IW74.12	75.2, 75.9, IW75.11	76.2, 76.5, 76.9, IW76.11

Lesson	77	78	79	80
Exercise	77.1, 77.3, 77.8, 77.9, IW77.12	78.2, 78.8, 78.9, 78.10	79.8, 79.9, 79.11, IW79.12	80.8, 80.9, 80.11

Measurement and Data (K.MD)

Describe and compare measurable attributes.

1. Describe measurable attributes of objects, such as length or weight. Describe several measureable attributes of a single object.
   This standard is first addressed in **Lesson 112.**

Measurement and Data (K.MD)

Describe and compare measurable attributes.

2. Directly compare two objects with a measureable attribute in common to see which object has "more of"/"less of" that attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.
   This standard is first addressed in **Lesson 97.**

Measurement and Data (K.MD)

Classify objects and count the number of objects in each category.

3. Classify objects into given categories; count the number of objects in each category and sort the categories by count.
   This standard is first addressed in **Lesson 116.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as *above, below, beside, in front of, behind,* and *next to.*
   This standard is first addressed in **Lesson 94.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

2. Correctly name shapes regardless of their orientations or overall size.
   This standard is first addressed in **Lesson 85.**

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

3. Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").
   This standard is first addressed in **Lesson 116.**

Geometry (K.G)

Analyze, compare, create, and compose shapes.

4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).
   This standard is first addressed in **Lesson 94.**

Geometry (K.G)

Analyze, compare, create, and compose shapes.

5. Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.
   This standard is addressed in the following activities of the Student Practice Software:
   - **Block 6:** Activity 3
   - **Block 6:** Activity 6

Geometry (K.G)

Analyze, compare, create, and compose shapes.

6. Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"
   This standard is addressed in the following activity of the Student Practice Software:
   - **Block 6:** Activity 3

Level A Correlation to Grade K Common Core State Standards for Mathematics

Counting and Cardinality (K.CC)

Know number names and the count sequence.

1. Count to 100 by ones and by tens.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.1, 81.7	82.1, 82.8	83.1, 83.4	84.1, 84.9	85.1, 85.10	86.1, 86.4	87.1, 87.7, 87.10	88.1, 88.5, 88.6	89.4, 89.7	90.4, 90.5

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.1, 91.4	92.3, 92.6	93.1, 93.6	94.2, 94.6	95.1, 95.6	96.1, 96.8	97.1, 97.3, 97.8	98.1, 98.2	99.1, 99.2	100.1

Lesson	101
Exercise	101.1

Counting and Cardinality (K.CC)

Know number names and the count sequence.

2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.1	82.1	83.1	84.1	85.1	86.1, 86.4	87.1, 87.7	88.1, 88.6	89.7	90.5

Lesson	91	92	93	94	95	96	97	98	99
Exercise	91.4	92.6	93.6	94.6	95.6	96.8	97.1, 97.8	98.2	99.2

Counting and Cardinality (K.CC)

Know number names and the count sequence.

3. Write numbers from 0 to 20. Represent a number of objects with a written numeral 0–20 (with 0 representing a count of no objects.)

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.11, IW81.12	82.7, IW82.11	83.10, IW83.11	84.6, IW84.11	IW85.11	IW86.10	IW87.10	IW88.10	IW89.11	IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	IW91.9	IW92.9	93.8, IW93.10	94.8, IW94.10	95.9, IW95.11	96.9	97.10	IW98.9	99.9, IW99.11	100.9. IW100.11

Counting and Cardinality (K.CC)

Count to tell the number of objects.

4. Understand the relationship between numbers and quantities; connect counting to cardinality.
   a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.
   b. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.
   c. Understand that each successive number name refers to a quantity that is one larger.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.7, 81,8, 81.9, 81.11, IW81.12	82.5, 82.6, 82.7, 82.8, IW82.11	83.4, 83.6, 83.7, 83.10, IW83.11	84.6, 84.7, 84.9, 84.10	85.5, 85.10, IW85.11	86.4, 86.9, IW86.10	87.7, 87.9, IW87.10	88.6, 88.9, IW88.10	89.6, 89.7, 89.10, IW89.11	90.3, 90.5, 90.10, IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.3, 91.4, 91.5, IW91.9	92.2, 92.4, 92.6, IW92.9	93.4, 93.6, 93.8, IW93.10	94.6, 94.8, IW94.10	95.6, 95.9, IW95.11	96.3, 96.8, 96.9, IW96.10	97.5, 97.8, 97.10, IW97.11	98.5, 98.7, IW98.9	99.4, 99.8, 99.9, IW99.11	100.5, 100.7, 100.9, IW100.11

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.6, 101.8, 101.10, IW101.11	102.6, 102.8, IW102.10	103.3, 103.6, 103.8, IW103.11	104.4, 104.6, 104.9, IW104.10	105.6, 105.7, 105.9, IW105.11	106.4, 106.7, 106.8, 106.10, IW106.11	107.7, 107.9, IW107.10	108.5, 108.6, 108.9, 108.10, IW108.11	109.5, 109.6, 109.8, 109.10, IW109.11	110.6, 110.8, 110.10, IW110.11

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.5, 111.8, IW111.10	112.5, 112.9, IW112.10	113.7, 113.9, IW113.11	114.6, 114.9, IW114.10	115.6, 115.9, IW115.10	116.2, 116.5, 116.6, 116.7, IW116.11	117.1, 117.6, 117.8, 117.9, IW117.11	118.5, 118.8, 118.9, 118.10, IW118.11	119.8, 119.10, 119.11	120.8, 120.10, 120.11, 120.12

Counting and Cardinality (K.CC)

Count to tell the number of objects.

5. Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.8, 81.9, 81.11, IW81.12	82.5, 82.6, 82.7	83.6, 83.7, 83.8, 83.10	84.6, 84.7, 84.10	85.5, IW85.11	86.9, IW86.10	87.9, IW87.10	88.9, IW89.10	89.6, 89.10, IW89.11	90.3, 90.10, IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.3, 91.5, IW91.9	92.2, 92.4, IW92.9	93.4, 93.8, IW93.10	94.8, IW94.10	95.9, IW95.11	96.9, IW96.10	97.10, IW97.11	IW98.9	99.9, IW99.11	100.9

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.6, IW101.11	IW102.10	103.3, IW103.11	104.4, IW104.10	105.6, IW105.11	106.7, IW106.11	107.7, IW107.10	108.5, 108.10, IW108.11	109.5, 109.8, IW109.11	110.10, IW110.11

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.8, IW111.10	IW112.10	IW113.11	IW114.10	IW115.10	116.2, 116.5	117.1, 117.6	118.9, 118.10	119.8, 119.11	120.10, 120.11

Counting and Cardinality (K.CC)

Compare numbers.

6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.[1]

[1]Include groups with up to 10 objects

Lesson	116	117	118	119	120
Exercise	116.1	117.3	118.3	119.4	120.4

Counting and Cardinality (K.CC)

Compare numbers.

7. Compare two numbers between 1 and 10 presented as written numerals.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.6	82.4	83.5	84.4	85.7	86.5	87.6	88.7	89.9	90.7

Lesson	91	92	93	94	95	96	97	99	100	102
Exercise	IW91.9	IW92.9	IW93.10	IW94.10	IW95.11	IW96.10	IW97.11	IW99.11	IW100.11	IW102.10

Lesson	103	104	106	107	108	109	111
Exercise	IW103.11	IW104.10	IW106.11	IW107.10	IW108.11	IW109.11	IW111.10

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.5, 81.7, 81.8, IW81.12	82.3, 82.6, 82.8, 82.10, IW82.11	83.2, 83.4, 83.6, 83.8, IW83.11	84.3, 84.5, 84.7, IW84.11	85.5, 85.6, 85.8, 85.10, IW85.11	86.4, 86.6, 86.7, 86.9, IW86.10	87.1, 87.4, 87.5, 87.7, 87.8, 87.9, IW87.10	88.1, 88.4, 88.6, 88.8, 88.9, IW88.10	89.2, 89.7, 89.8, 89.10, IW89.11	90.5, 90.6, 90.8, 90.9, 90.10, IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.4, 91.6, 91.7, 91.8, IW91.9	92.5, 92.6, 92.7, 92.8, IW92.9	93.3, 93.5, 93.6, 93.7, 93.9, IW93.10	94.3, 94.5, 94.6, 94.7, 94.9, IW94.10	95.3, 95.6, 95.7, 95.8, 95.10, IW95.11	96.3, 96.5, 96.6, 96.7, 96.8, IW96.10	97.1, 97.5, 97.6, 97.7, 97.8, 97.9, IW97.11	98.2, 98.4, 98.5, 98.7, 98.8, IW98.9	99.2, 99.4, 99.7, 99.8, 99.9, 99.10, IW99.11	100.3, 100.4, 100.5, 100.6, 100.7, 100.8, 100.9, 100.10

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.5, 101.6, 101.7, 101.8, 101.9, 101.10, IW101.11	102.2, 102.6, 102.7, 102.8, 102.9, IW102.10	103.5, 103.6, 103.7, 103.8, 103.9, 103.10, IW103.11	104.1, 104.5, 104.6, 104.7, 104.8, 104.9, IW104.10	105.1, 105.4, 105.5, 105.7, 105.8, 105.9, 105.10, IW105.11	106.1, 106.2, 106.5, 106.6, 106.8, 106.9, IW106.11	107.1, 107.2, 107.4, 107.6, 107.8, 107.9, IW107.10	108.1, 108.3, 108.4, 108.5, 108.6, 108.7, 108.8, 108.9, IW108.11	109.1, 109.4, 109.5, 109.6, 109.7, 109.9, 109.10, IW109.11	110.1, 110.5, 110.6, 110.7, 110.8, 110.9, IW110.11

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.2, 111.4, 111.5, 111.7, 111.9, IW111.10	112.2, 112.4, 112.5, 112.6, 112.7, 112.8, 112.9, IW112.11	113.1, 113.3, 113.4, 113.6, 113.7, 113.8, 113.9, 113.10, IW113.12	114.1, 114.2, 114.3, 114.4, 114.6, 114.7, 114.8, 114.9, IW114.11	115.3, 115.4, 115.5, 115.6, 115.7, 115.9, IW115.11	116.3, 116.5, 116.6, 116.7, 116.9, IW116.11	117.2, 117.5, 117.6, 117.8, 117.9, IW117.11	118.1, 118.5, 118.6, 118.8, 118.10, IW118.11	119.2, 119.7, 119.10, 119.11	120.2, 120.6, 120.8, 120.9, 120.10, 120.12

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

2. Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.5, 81.7, 81.8, IW81.12	82.3, 82.6, 82.8, 82.10, IW82.11	83.2, 83.4, 83.6, 83.8, IW83.11	84.3, 84.5, 84.7, IW84.11	85.5, 85.6, 85.8, 85.10, IW85.11	86.4, 86.6, 86.7, 86.9, IW86.10	87.1, 87.4, 87.5, 87.7, 87.8, 87.9, IW87.10	88.1, 88.4, 88.6, 88.8, 88.9, IW88.10	89.2, 89.7, 89.8, 89.10, IW89.11	90.5, 90.6, 90.8, 90.9, 90.10, IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.4, 91.6, 91.7, 91.8, IW91.9	92.5, 92.6, 92.7, 92.8, IW92.9	93.3, 93.5, 93.6, 93.7, 93.9, IW93.10	94.3, 94.5, 94.6, 94.7, 94.9, IW94.10	95.3, 95.6, 95.7, 95.8, 95.10, IW95.11	96.3, 96.5, 96.6, 96.7, 96.8, IW96.10	97.1, 97.5, 97.6, 97.7, 97.8, 97.9, IW97.11	98.2, 98.4, 98.5, 98.7, 98.8, IW98.9	99.2, 99.4, 99.7, 99.8, 99.9, 99.10, IW99.11	100.3, 100.4, 100.5, 100.6, 100.7, 100.8, 100.9, 100.10

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.5, 101.6, 101.7, 101.8, 101.9, 101.10, IW101.11	102.2, 102.6, 102.7, 102.8, 102.9, IW102.10	103.5, 103.6, 103.7, 103.8, 103.9, 103.10, IW103.11	104.1, 104.5, 104.6, 104.7, 104.8, 104.9, IW104.10	105.1, 105.4, 105.5, 105.7, 105.8, 105.9, 105.10, IW105.11	106.1, 106.2, 106.5, 106.6, 106.8, 106.9, IW106.11	107.1, 107.2, 107.4, 107.6, 107.8, 107.9, IW107.10	108.1, 108.3, 108.4, 108.5, 108.6, 108.7, 108.8, 108.9, IW108.11	109.1, 109.4, 109.5, 109.6, 109.7, 109.9, 109.10, IW109.11	110.1, 110.5, 110.6, 110.7, 110.8, 110.9, IW110.11

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.2, 111.4, 111.5, 111.7, 111.9, IW111.10	112.2, 112.4, 112.5, 112.6, 112.7, 112.8, 112.9, IW112.11	113.1, 113.3, 113.4, 113.6, 113.7, 113.8, 113.9, 113.10, IW113.12	114.1, 114.2, 114.3, 114.4, 114.6, 114.7, 114.8, 114.9, IW114.11	115.3, 115.4, 115.5, 115.6, 115.7, 115.9, IW115.11	116.3, 116.5, 116.6, 116.7, 116.9, IW116.11	117.2, 117.5, 117.6, 117.8, 117.9, IW117.11	118.1, 118.5, 118.6, 118.8, 118.10, IW118.11	119.2, 119.7, 119.10, 119.11	120.2, 120.6, 120.8, 120.9, 120.10, 120.12

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

3. Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).

Lesson	81	82	83	84	85	86	87	88	89	111
Exercise	81.10	82.9	83.9	84.8	85.9	86.8	IW87.10	IW88.10	IW89.11	111.6

Lesson	112	113	114	115	116	117	118	119	120
Exercise	112.8	113.8	114.8	115.8	116.6, IW116.11	117.8, IW117.11	118.5	119.10	120.8

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

4. For any number from 1 to 9, find the number that makes 10 when added to a given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.

Lesson	116	117	120
Exercise	116.5	117.6	120.10

Operations and Algebraic Thinking (K.OA)

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

5. Fluently add and subtract within 5.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.8, IW81.12	82.6, 82.10, IW82.11	83.6, 83.8, IW83.11	84.5, 84.7, IW84.11	85.4, 85.5, 85.6, 85.8	86.6, 86.7, 86.9	87.5, 87.8, 87.9	88.9, IW88.10	89.2, 89.10, IW89.11	90.9, 90.10, IW90.11

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.7, IW91.9	92.5, IW92.9	93.3, IW93.10	94.5, IW94.10	95.3, 95.4, 95.8, IW95.11	96.5, 96.6, 96.7	97.6, 97.9	98.4, 98.8	99.5, 99.7, 99.10	100.4, 100.6, 100.10

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.5, 101.7, 101.9	102.2, 102.7, 102.9	103.5, 103.7, 103.10	104.1, 104.8	105.1, 105.10, IW105.11	106.1, 106.9, IW106.11	107.2, IW107.10	108.8, IW108.11	109.7, 109.9, IW109.11	110.7, 110.9, IW110.10

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.7, IW111.10	112.7, IW112.11	113.4, 113.6, IW113.12	114.2, 114.3, 114.7, IW114.11	115.3, 115.4, 115.7, IW115.11	116.3, 116.7, 116.9	117.2, 117.5, 117.8	118.1, 118.5, 118.6	119.2, 119.6, 119.7, 119.10	120.2, 120.8, 120.9

Number and Operations in Base Ten (K.NBT)

Work with numbers 11–19 to gain foundations for place value.

1. Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., 18 = 10 + 8); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.9, 81.10, 81.11	82.7, 82.9	83.9, 83.10	84.6, 84.8	85.9	86.8, IW86.10	IW87.10	IW88.10	IW89.11	IW90.11

Lesson	91	92	93	102	103	104	105	106	107	108
Exercise	IW91.9	IW92.9	IW93.10	102.4, IW102.10	103.2, IW103.11	104.5, 104.7	105.2, 105.4, 105.5, IW105.11	106.2, 106.5, 106.6, IW106.11	107.1, 107.6, IW107.10	108.1, 108.3, 108.4, IW108.11

Lesson	109	110	111	112	113	114	115	116	117
Exercise	109.1, 109.4, IW109.11	110.1, 110.3, 110.5, IW110.11	111.4, 111.6, 111.9, IW111.10	112.2, 112.4, 112.6, 112.8, IW112.10	113.1, 113.8, 113.10, IW113.11	114.1, 114.4, 114.8, IW114.10	115.1, 115.5, 115.8, IW115.10	116.10, IW116.11	117.10, IW117.11

Measurement and Data (K.MD)

Describe and compare measurable attributes.

1. Describe measurable attributes of objects, such as length or weight. Describe several measureable attributes of a single object.

Lesson	112	113	114	118	119	120
Exercise	112.3	113.5	114.5	118.4	119.5	120.5

Measurement and Data (K.MD)

Describe and compare measurable attributes.

2. Directly compare two objects with a measureable attribute in common to see which object has "more of"/"less of" that attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.

Lesson	97	98	100	101	102	112	113	114	118	119
Exercise	97.4	98.3	100.2	101.4	102.3	112.3	113.5	114.5	118.4	119.5

Lesson	120
Exercise	120.5

Measurement and Data (K.MD)

Classify objects and count the number of objects in each category.

3. Classify objects into given categories; count the number of objects in each category and sort the categories by count.

Lesson	116	117	118	119	120
Exercise	116.2	117.1	118.9	119.8	120.11

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as *above, below, beside, in front of, behind,* and *next to.*

Lesson	94	95	96	99	100	103	104	106	107	109
Exercise	94.4	95.5	96.2	99.6	100.2	103.1	104.3	106.3	107.3	109.3

Lesson	110	111	112	113	114	115	116	117	118	119
Exercise	110.2	111.1	112.1, optional exercise	113.2, 113.5	114.5	115.2	116.4	117.4	118.2	119.3

Lesson	120
Exercise	120.3

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

2. Correctly name shapes regardless of their orientations or overall size.

Lesson	85	86	87	88	89	91	92	93	94	95
Exercise	85.2	86.3	87.3	88.2	89.1	91.2	92.1	93.2	94.1	95.2

Lesson	96	97	98	99	100	101	102	103	104	107
Exercise	96.4	97.2	98.3, 98.6	99.3	100.2	101.2, 101.4	102.3	103.1	104.3	107.5

Lesson	108	109	110	111	112	113	115	116	117	118
Exercise	108.2	109.2	110.4	111.3	112.1	113.2	115.2	116.4	117.4	118.2

Lesson	119	120
Exercise	119.1, 119.3	120.1, 120.3

Geometry (K.G)

Identify and describe shapes (squares, circle, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

3. Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").

Lesson	116	117	118	119	120
Exercise	116.4	117.4	118.2	119.1, 119.3	120.3

Geometry (K.G)

Analyze, compare, create, and compose shapes.

4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).

Lesson	94	95	96	97	98	99	100	101	102	103
Exercise	94.4	95.5	96.2, 96.4	97.2, 97.4	98.3, 98.6	99.3, 99.6	100.2	101.4	102.3	103.1

Lesson	104	106	107	108	109	110	111	112	113	115
Exercise	104.3	106.3	107.3, 107.5	108.2	109.2, 109.3	110.2, 110.4	111.1, 111.3	112.1	113.2	115.2

Lesson	116	117	118	119	120
Exercise	116.4	117.4	118.2	119.1	120.1

Geometry (K.G)

Analyze, compare, create, and compose shapes.

5. Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.

This standard is addressed in the following activities of the Student Practice Software:

- **Block 6:** Activity 3
- **Block 6:** Activity 6

Geometry (K.G)

Analyze, compare, create, and compose shapes.

6. Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"
   This standard is addressed in the following activity of the Student Practice Software:
   - **Block 6:** Activity 3