SRA Wright Group — McGraw-Hill

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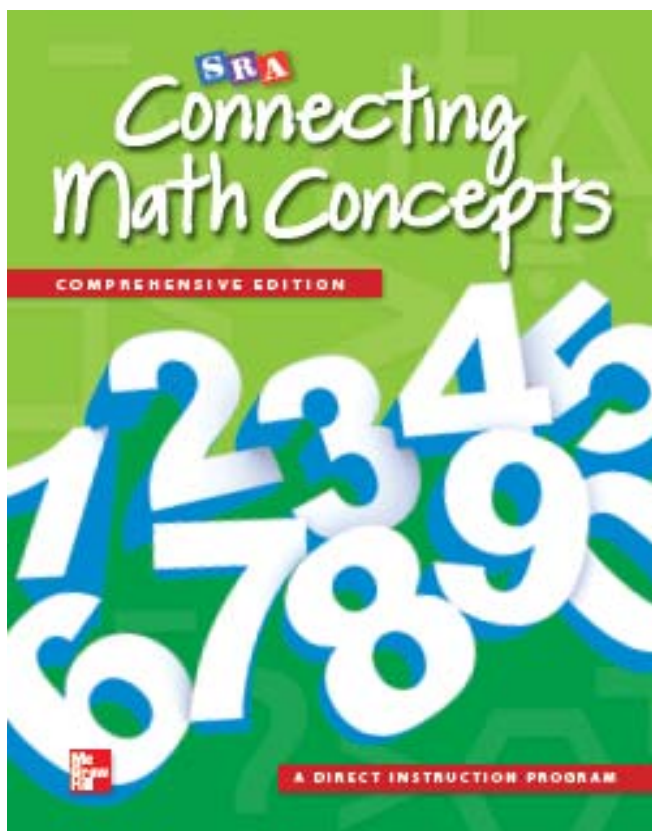PREPARING AMERICA'S STUDENTS FOR COLLEGE & CAREER

SRA® Connecting Math Concepts Comprehensive Edition Level C

Correlation to Math CCSS

Level C Correlation to Grade 2 Common Core State Standards for Mathematics

Operations and Algebraic Thinking (2.OA)

Represent and solve problems involving addition and subtraction.

1. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Lesson	33	34	35	36	37	38	39	40	41	42
Exercise	33.5	34.2	35.2	36.2	37.2	38.3	39.3	40.10	41.7	42.7

Lesson	43	44	45	46	47	48	49	50	51	52
Exercise	43.9	44.7	45.8	46.6, 46.9	47.8	48.8	49.8, 49.9	50.5, 50.8	51.5, 51.8	52.4, 52.7

Lesson	53	54	55	56	57	58	59	60	61	62
Exercise	53.5, 53.7	54.2, 54.8	55.3, 55.6	56.3, 56.6	57.4, 57.7	58.3, 58.7	59.4, 59.7	60.4, 60.7	61.6, 61.8	62.5, 62.8

Lesson	63	64	65	66	67	68	69	70
Exercise	63.5, 63.7, 63.9	64.2, 64.6, 64.8	65.2, 65.7, 65.8	66.8, 66.9	67.8, 67.9	68.8, 68.9	69.6, 69.9	70.7, 70.8

Operations and Algebraic Thinking (2.OA)

Add and subtract within 20.

2. Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.

Lesson	1	2	3	4	5	6	7	8	9	10
Exercise	1.3, 1.5, 1.10	2.2, 2.7, 2.9	3.6, 3.9, 3.11	4.2, 4.9, 4.10	5.2, 5.3, 5.4, 5.10	6.1, 6.4, 6.6, 6.7, 6.8	7.1, 7.2, 7.3, 7.5, 7.7, 7.8	8.1, 8.3, 8.5, 8.6, 8.7, 8.8	9.1, 9.3, 9.4, 9.5, 9.6, 9.8	10.1, 10.2, 10.3, 10.4, 10.6, 10.7, 10.9

Lesson	11	12	13	14	15	16	17	18	19	20
Exercise	11.2, 11.3, 11.5, 11.8, 11.9, 11.10	12.1, 12.2, 12.4, 12.6, 12.8, 12.9, 12.10	13.1, 13.2, 13.4, 13.5, 13.7, 13.9	14.1, 14.4, 14.5, 14.8	15.1, 15.2, 15.3, 15.5, 15.9	16.2, 16.6, 16.7, 16.8, 16.9	17.2, 17.4, 17.6, 17.8, 17.9, 17.10	18.3, 18.4, 18.6, 18.7, 18.9	19.2, 19.3, 19.4, 19.6, 19.7, 19.8	20.3, 20.4, 20.6, 20.7, 20.9

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.1, 21.6, 21.7, 21.8	22.1, 22.5, 22.6, 22.7	23.1, 23.6, 23.7, 23.8	24.1, 24.6, 24.7, 24.8	25.1, 25.2, 25.7, 25.8, 25.9	26.1, 26.6, 26.7, 26.9	27.1, 27.5, 27.6, 27.8	28.1, 28.3, 28.6, 28.8, 28.9	29.1, 29.3, 29.7, 29.8	30.1, 30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.1, 31.3, 31.7	32.1, 32.3, 32.9, 32.10	33.2, 33.6, 33.9, 33.10	34.6, 34.8, 34.9	35.6, 35.8	36.8, 36.9	37.8	38.7, 38.9	39.9, 39.10	40.7

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.4, 41.6, 41.9	42.3, 42.6, 42.8	43.3, 43.8, 43.10	44.3, 44.8	45.1, 45.4, 45.10	46.1, 46.3, 46.4, 46.8, 46.9	47.1, 47.3, 47.5, 47.8	48.1, 48.3, 48.6, 48.9	49.1, 49.2, 49.3, 49.6, 49.9	50.1, 50.4, 50.7, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.2, 51.3, 51.4, 51.7, 51.9	52.2, 52.3, 52.6,	53.4, 53.8	54.7, 54.9	55.1, 55.7	56.1, 56.4, 56.7	57.1, 57.5, 57.8	58.1, 58.6, 58.8	59.1, 59.5, 59.8	60.1, 60.3, 60.6, 60.8

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1, 61.2, 61.4, 61.5, 61.8	62.1, 62.3, 62.4, 62.6, 62.8	63.1, 63.3, 63.4, 63.6, 63.9	64.4, 64.5, 64.7, 64.8	65.3, 65.4, 65.8	66.4, 66.9	67.4, 67.9	68.4, 68.9	69.4, 69.9	70.6, 70.8

Operations and Algebraic Thinking (2.OA)

Work with equal groups of objects to gain foundations for multiplication.

3. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s. Write an equation to express an even number as a sum of two equal addends.

Lesson	55	56	57	58	59	60
Exercise	55.1	56.1	57.1	58.1	59.1	60.1

Operations and Algebraic Thinking (2.OA)

Work with equal groups of objects to gain foundations for multiplication.

4. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.

Lesson	44	45	46	47	48	49
Exercise	44.5	45.9	46.7	47.4, 47.7	48.4	49.7

Number and Operations in Base Ten (2.NBT)

Understand place value.

1. Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases:
   a. 100 can be thought of as a bundle of ten tens—called a "hundred."
   b. The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).

Lesson	1	2	3	4	7	10	11	12	13	14
Exercise	1.8	2.5	3.2, 3.8	4.8	7.9	10.10	11.11	12.3	13.3, 13.8	14.2, 14.7

Lesson	15	16	17	18	19	20	21	22	23	24
Exercise	15.6, 15.8	16.3, 16.5	17.3	18.2	19.1	20.1	21.2	22.7	23.8	24.8

Lesson	25	27	29	36	59	68
Exercise	25.8	27.8	29.8	36.9	59.8	68.9

Number and Operations in Base Ten (2.NBT)

Understand place value.

2. Count within 1000; skip-count by 5s, 10s, and 100s.

Lesson	1	2	3	4	5	6	7	8	9	10
Exercise	1.6	2.3	3.4	4.3	5.6	6.3	7.6	8.2	9.1, 9.7	10.1, 10.8

Lesson	11	12	13	14	15	16	17	18	19	20
Exercise	11.2, 11.4, 11.11	12.1, 12.5, 12.10	13.1, 13.6, 13.7	15.7	16.1, 16.4, 16.9	17.1, 17.2, 17.5, 17.7, 17.9, 17.10	18.1, 18.4	18.5, 18.8, 18.9	19.4, 19.5, 19.8	20.2, 20.5, 20.8, 20.9

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.3, 21.5, 21.8	22.2, 22.4, 22.7	23.3, 23.5, 23.8	24.3, 24.5, 24.8	25.4, 25.9	26.2, 26.4, 26.9	27.3, 27.8	28.7, 28.9	29.8	30.5

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.7	32.5, 32.6, 32.10	33.1, 33.3, 33.10	34.1, 34.3	35.1, 35.3	36.1, 36.3, 36.9	37.1, 37.3	38.2, 38.4	39.2, 39.4, 39.10	40.2, 40.4, 40.8, 40.11

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.1, 41.8, 41.9	42.8	43.6, 43.10	44.8	45.10	46.9	47.8	48.9	49.1, 49.9	50.7, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.7, 51.9	52.8	53.8	54.1, 54.9	55.5, 55.7	56.5, 56.7	57.3, 57.8	58.4, 58.6, 58.8	59.3, 59.5, 59.8	60.3, 60.8

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.5	62.4, 62.7, 62.8	63.4, 63.8, 63.9	64.5	65.1, 65.3, 65.6, 65.8	66.5, 66.7	67.5, 67.7, 67.9	68.5, 68.7, 68.9	69.5, 69.7, 69.9	70.1, 70.4

Number and Operations in Base Ten (2.NBT)

Understand place value.

3. Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.

Lesson	1	2	3	4	5	6	7	8	9	10
Exercise	1.7, 1.8	2.5, 2.8	3.2, 3.8, 3.10	4.5, 4.8	5.8	6.5	7.4	8.4	9.2	10.5

Lesson	11	12	13	14	15	16	17	18	19	20
Exercise	11.6, 11.7, 11.11	12.3, 12.7	13.3, 13.8	14.2, 14.7	15.6, 15.8, 15.9	16.3, 16.5, 16.9	17.3, 17.10	18.2, 18.9	19.1, 19.8	20.1

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.2, 21.8	22.7	23.2, 23.8	24.2, 24.8	25.3, 25.5	26.5, 26.8, 26.9	27.4, 27.8	28.2	29.2, 29.8	30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.7	32.10	33.7, 33.10	34.5, 34.9	35.5, 35.8	36.5, 36.9	37.5, 37.9	38.1, 38.6	39.1, 39.6	40.1, 40.5

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.2	42.1, 42.4, 42.8	43.1, 43.5, 43.10	44.1	45.7	46.5	47.6, 47.8	48.5	49.4, 49.9	50.2, 50.9

Lesson	51	54	58	59	68
Exercise	51.9	54.9	58.8	59.8	68.9

Number and Operations in Base Ten (2.NBT)

Understand place value.

4. Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.

Lesson	31	36
Exercise	31.4	36.9

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

5. Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Lesson	1	2	3	4	5	6	7	8	9	10
Exercise	1.3, 1.5, 1.10	2.2, 2.7, 2.9	3.6, 3.9, 3.11	4.2, 4.9, 4.10	5.2, 5.3, 5.4, 5.10	6.1, 6.4, 6.6, 6.7, 6.8	7.1, 7.2, 7.3, 7.5, 7.7, 7.8	8.1, 8.3, 8.5, 8.6, 8.7, 8.8	9.1, 9.3, 9.4, 9.5, 9.6, 9.8	10.1, 10.2, 10.3, 10.4, 10.6, 10.7, 10.9

Lesson	11	12	13	14	15	16	17	18	19	20
Exercise	11.2, 11.3, 11.5, 11.8, 11.9, 11.10	12.1, 12.2, 12.4, 12.6, 12.8, 12.9, 12.10	13.1, 13.2, 13.4, 13.5, 13.7, 13.9	14.1, 14.4, 14.5, 14.8	15.1, 15.2, 15.3, 15.5, 15.9	16.2, 16.6, 16.7, 16.8, 16.9	17.2, 17.4, 17.6, 17.8, 17.9, 17.10	18.3, 18.6, 18.7, 18.9	19.2, 19.3, 19.4, 19.6, 19.7, 19.8	20.3, 20.4, 20.6, 20.7, 20.9

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.1, 21.4, 21.6, 21.7, 21.8	22.1, 22.3, 22.5, 22.6, 22.7	23.1, 23.4, 23.6, 23.7, 23.8	24.1, 24.4, 24.6, 24.7, 24.8	25.1, 25.2, 25.4, 25.6, 25.7, 25.8, 25.9	26.1, 26.2, 26.3, 26.6, 26.7, 26.9	27.1, 27.3, 27.5, 27.6, 27.7, 27.8	28.1, 28.3, 28.5, 28.6, 28.8, 28.9	29.1, 29.3, 29.6, 29.7, 29.8	30.1, 30.7, 30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.1, 31.3, 31.6, 31.7	32.1, 32.3, 32.9, 32.10	33.2, 33.6, 33.9, 33.10	34.6, 34.8, 34.9	35.6, 35.8	36.2, 36.6, 36.8, 36.9	37.2, 37.6, 37.8, 37.9	38.3, 38.7, 38.9	39.3, 39.7, 39.9, 39.10	40.7, 40.9, 40.11

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.4, 41.6, 41.9	42.3, 42.6, 42.8	43.3, 43.8	44.3, 44.8, 43.10	45.1, 45.4, 45.10	46.1, 46.3, 46.4, 46.8, 46.9	47.1, 47.3, 47.5, 47.8	48.1, 48.3, 48.6, 48.9	49.1, 49.2, 49.3, 49.6, 49.9	50.1, 50.4, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.2, 51.3, 51.4, 51.7, 51.9	52.2, 52.3, 52.6, 52.8	53.1, 53.4, 53.8	54.3, 54.5, 54.7, 54.9	55.1, 55.2, 55.7	56.1, 56.4, 56.7	57.1, 57.5, 57.8	58.1, 58.8	59.1, 59.5, 59.8	60.1, 60.3, 60.6, 60.8

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1, 61.2, 61.4, 61.5, 61.8	62.1, 62.3, 62.4, 62.6, 62.8	63.1, 63.3, 63.4, 63.6, 63.9	64.4, 64.5, 64.7, 64.8	65.3, 65.4, 65.8	66.2, 66.4, 66.9	67.2, 67.4, 67.9	68.2, 68.4, 68.9	69.2, 69.4, 69.9	70.3, 70.6, 70.8

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

6. Add up to four two-digit numbers using strategies based on place value and properties of operations.

Lesson	4	5	6	7	8	9	10	11	12	13
Exercise	4.9	5.4	6.4	7.5	8.7	9.1, 9.8	10.1, 10.9	11.2	12.1, 12.10	13.1

Lesson	16	17	18	19	20	21	22	23	24	25
Exercise	16.9	17.4, 17.10	18.9	19.8	20.9	21.1, 21.4	22.1, 22.3	23.1, 23.4	24.1, 24.4, 24.6	25.2, 25.6, 25.7

Lesson	26	27	28	29	30	31	32	33	34	35
Exercise	26.1, 26.3, 26.6	27.1, 27.6, 27.7	28.1, 28.5, 28.6	29.3, 29.6	30.3, 30.7	31.1, 31.3, 31.6, 31.7	32.1, 32.3, 32.9, 32.10	33.2, 33.6, 33.9, 33.10	34.6, 34.8, 34.9	35.6, 35.8

Lesson	36	37	38	39	40	41	42	43	44	45
Exercise	36.1, 36.2, 36.6, 36.8, 36.9	37.2, 37.6, 37.8, 37.9	38.3, 38.7, 38.9	39.3, 39.7, 39.9, 39.10	40.2, 40.7, 40.9, 40.10, 40.11	41.3, 41.4, 41.6	42.3, 42.6, 42.8	43.3, 43.8	44.3, 44.8	45.1, 45.2, 45.4, 45.10

Lesson	46	47	48	49	50	51	52	53	54	55
Exercise	46.1, 46.3, 46.4, 46.8, 46.9	47.1, 47.3, 47.5, 47.8	48.1, 48.3, 48.6, 48.9, 43.10	49.1, 49.2, 49.3, 49.6, 49.9	50.1, 50.4, 50.7, 50.9	51.9	52.8	53.1, 53.8	54.9	55.2, 55.7

Lesson	56	57	58	59	60	61	62	63	64	65
Exercise	56.7	57.8	58.6	59.5, 59.8	60.3, 60.6, 60.8	61.4, 61.5, 61.8	62.3, 62.8	63.4, 63.6, 63.9	64.4, 64.5, 64.7, 64.8	65.3, 65.8

Lesson	66	67	68	69	70
Exercise	66.2, 66.9	67.2, 67.9	68.2, 68.9	69.2, 69.9	70.3, 70.8

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

7. Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

Lesson	1	2	3	4	5	6	7	8	9	10
Exercise	1.3	2.2	3.6	4.4, 4.6	5.1, 5.2, 5.5, 5.9	6.2, 6.8	7.3, 7.8	8.6, 8.8	9.3, 9.5	10.2, 10.4, 10.6

Lesson	11	12	13	14	15	16	17	18	19	20
Exercise	11.3, 11.5, 11.7, 11.9, 11.10	12.2, 12.6, 12.8, 12.10	13.2, 13.4, 13.7, 13.9	14.1, 14.4, 14.8	15.1, 15.2, 15.9	16.2, 16.6, 16.9	17.4	18.3, 18.9	19.2	20.3, 20.9

Lesson	21	22	23	24	25	26	27	28	29	30
Exercise	21.1, 21.4, 21.6, 21.7, 21.8	22.1, 22.3, 22.5, 22.6, 22.7	23.1, 23.4, 23.6, 23.7, 23.8	24.1, 24.4, 24.6, 24.7, 24.8	25.1, 25.2, 25.4, 25.6, 25.7, 25.8, 25.9	26.1, 26.2, 26.3, 26.6, 26.7, 26.9	27.1, 27.3, 27.5, 27.6, 27.7, 27.8	28.1, 28.3, 28.5, 28.6, 28.8, 28.9	29.1, 29.3, 29.6, 29.7, 29.8	30.1, 30.3, 30.7, 30.9

Lesson	31	32	33	34	35	36	37	38	39	40
Exercise	31.1, 31.3, 31.6, 31.7	32.1, 32.3, 32.9, 32.10	33.2, 33.6, 33.9, 33.10	34.6, 34.8, 34.9	35.6, 35.8	36.2, 36.6, 36.8, 36.9	37.2, 37.6, 37.8, 37.9	38.3, 38.7, 38.9	39.3, 39.7, 39.9, 39.10	40.7, 40.9

Lesson	41	42	43	44	45	46	47	48	49	50
Exercise	41.4, 41.6, 41.9, 40.11	42.3, 42.6, 42.8	43.3, 43.8, 43.10	44.3, 44.8	45.1, 45.2, 45.4, 45.10	46.1, 46.3, 46.4, 46.8, 46.9	47.1, 47.3, 47.5, 47.8	48.1, 48.3, 48.6, 48.9	49.1, 49.2, 49.3, 49.6, 49.9	50.1, 50.4, 50.7, 50.9

Lesson	51	52	53	54	55	56	57	58	59	60
Exercise	51.2, 51.3, 51.9	52.2, 52.6, 52.8	53.1, 53.3, 53.8	54.5, 54.9	55.1, 55.7	56.1, 56.4, 56.7	57.1, 57.5, 57.8	58.1, 58.6, 58.8	59.1, 59.5, 59.8	60.1, 60.3, 60.6, 60.8

Lesson	61	62	63	64	65	66	67	68	69	70
Exercise	61.1, 61.2, 61.4, 61.5, 61.8	62.1, 62.3, 62.4, 62.6, 62.8	63.1, 63.3, 63.4, 63.6, 63.9	64.1, 64.4, 64.5, 64.7, 64.8	65.3, 65.4, 65.8	66.2, 66.4, 66.9	67.2, 67.4, 67.9	68.2, 68.4, 68.9	69.2, 69.4, 69.9	70.3, 70.6, 70.8

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

8. Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.

Lesson	22	23	24	39	40	41	42	43	45	49
Exercise	22.7	23.8	24.8	39.7	40.7	41.4	42.3, 42.8	43.3	45.1	49.1

Lesson	50	51	58	59
Exercise	50.7, 50.9	51.7	58.8	59.8

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

9. Explain why addition and subtraction strategies work, using place value and the properties of operations.

This standard is first addressed in **Lesson 98.**

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

1. Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

Lesson	30	31	32	33	34	35	36	37	38	39
Exercise	30.8	31.7	32.8	33.4	34.7	35.7	36.7	37.7	38.8	39.8

Lesson	40	41	43	44	46	49	54	59	60	61
Exercise	40.3	41.5	43.10	44.8	46.9	49.9	54.9	59.2	60.2	61.3

Lesson	62	63	64	65	66	67	68
Exercise	62.2	63.2	64.3	65.5	66.3	67.3	68.3

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

2. Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.

Lesson	34	35	41	43	44	46	49	51	53	54
Exercise	34.7	35.7	41.5	43.10	44.8	46.9	49.9	51.9	53.8	54.9

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

3. Estimate lengths using units of inches, feet, centimeters, and meters.

This standard is first addressed in **Lesson 85.**

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

4. Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.

This standard is first addressed in **Lesson 115.**

Measurement and Data (2.MD)

Relate addition and subtraction to length.

5. Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.

Lesson	44	45	46	47	48	49	51	52	53	54
Exercise	44.5	45.9	46.7	47.7	48.7	49.7	51.3	52.2, 52.7	53.7	54.8

Lesson	55	56	57	58	59	60	61	62	63	64
Exercise	55.6	56.6	57.7	58.7	59.7	60.4	61.6	62.5, 62.8	63.7, 63.9	64.6

Lesson	65	66	67	68	69	70
Exercise	65.7, 65.8	66.8	67.8	68.9	69.6	70.7

Measurement and Data (2.MD)

Relate addition and subtraction to length.

6. Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.

Lesson	66	67	68	69	70
Exercise	66.1	67.1	68.1	69.1	70.8

Measurement and Data (2.MD)

Work with time and money.

7. Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.

This standard is first addressed in **Lesson 79.**

Measurement and Data (2.MD)

Work with time and money.

8. Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately. *Example: If you have 2 dimes and 3 pennies, how many cents do you have?*

Lesson	21	22	23	24	25	26	27	28	29	43
Exercise	21.3	22.4	23.5	24.5	25.8	26.4	27.8	28.7	29.8	43.4

Lesson	44	62	63	64
Exercise	44.8	62.7	63.8	64.8

Measurement and Data (2.MD)

Represent and interpret data.

9. Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.

This standard is first addressed in **Lesson 124.**

Measurement and Data (2.MD)

Represent and interpret data.

10. Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

This standard is first addressed in **Lesson 116.**

Geometry (2.G)

Reason with shapes and their attributes.

1. Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

Lesson	43	44	45	46	47	48	49	50	51	52
Exercise	43.2	44.2	45.3	46.2	47.2	48.2	49.9	50.6, 50.9	51.6, 51.9	52.5

Lesson	53	54	55	56	57	58	59	60	66	68
Exercise	53.6, 53.8	54.6	55.4	56.2, 56.7	57.2, 57.8	58.2	59.8	60.8	66.9	68.9

Lesson	69	70
Exercise	69.3	70.8

Geometry (2.G)

Reason with shapes and their attributes.

2. Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.

Lesson	47	48
Exercise	47.4	48.4

Geometry (2.G)

Reason with shapes and their attributes.

3. Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.

This standard is first addressed in **Lesson 95.**

Level C Correlation to Grade 2 Common Core State Standards for Mathematics

Operations and Algebraic Thinking (2.OA)

Represent and solve problems involving addition and subtraction.

1. Use addition and subtraction within 100 to solve one- and two-word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.7, 71.8	72.6, 72.8	73.6, 73.8	74.6, 74.8	75.7, 75.9	76.5, 76.8	77.7, 77.9	78.7, 78.9	79.8	80.8

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.8	82.8	83.4	84.4, 84.7, 84.8	85.4, 85.7	86.5, 86.8, 86.9	87.5, 87.8	88.8	89.8	90.9

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.2, 91.6	92.2, 92.7	93.1, 93.7	94.1, 94.7	95.8, 95.8	96.8	97.4, 97.8	98.4, 98.9	99.5, 99.8	100.5, 100.8

Lesson	102	103	105	106	107	108	109	110	111	112
Exercise	102.7	103.8	105.7	106.4, 106.5	107.4, 107.6, 107.7	108.5, 108.6	109.3, 109.6	110.4, 110.7	111.4, 111.7	112.7

Lesson	114	115	116	118	119	120	121	122	123	124
Exercise	114.7	115.7	116.7	118.5	119.6	120.6	121.2	122.2	123.2, 123.8	124.2

Lesson	125	127	128	129	130
Exercise	125.9	127.9	128.7	129.4	130.1

Operations and Algebraic Thinking (2.OA)

Add and subtract within 20.

2. Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.2, 71.3, 71.7, 71.8	72.2, 72.5, 72.6, 72.8	73.2, 73.3, 73.5, 73.8	74.3, 74.5	75.2, 75.3, 75.6, 75.7, 75.9	76.2, 76.4	77.4, 77.5, 77.9	78.6, 78.9	79.5, 79.8	80.5, 80.7, 80.8

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.5, 81.7	82.5, 82.9	83.7	84.1, 84.3	85.6, 85.8	86.2, 86.7, 86.9	87.7, 87.9	88.5, 88.8	89.2, 89.3, 89.5	90.5, 90.9

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.6	92.7, 92.8	93.7, 93.8	94.7, 94.8	95.1, 95.4, 95.8	96.2, 96.3, 96.8	97.2, 97.3, 97.8	98.2, 98.3, 98.9	99.3, 99.4, 99.8	100.4, 100.6

Lesson	101	102	103	104	105	106	107	108	109	110
Exercise	101.4, 101.6, 101.7	102.4, 102.6, 102.7	103.5, 103.8	104.5, 104.7	105.6, 105.7	106.3, 106.7	107.3, 107.7	108.1, 108.7	109.1, 109.7	110.1, 110.7

Lesson	111	112	113	114	115	116	117	118	119	120
Exercise	111.1, 111.3, 111.7	112.1, 112.7	113.1, 113.6	114.1, 114.3, 114.7	115.1, 115.3, 115.7	116.7	117.5, 117.7	118.5	119.6	120.6

Lesson	121	122	123	124	125	126	127	128	129	130
Exercise	121.8	122.2, 122.5, 122.8	123.8	124.7	125.8	126.10	127.9	128.8	129.4	130.1

Operations and Algebraic Thinking (2.OA)

Work with equal groups of objects to gain foundations for multiplication

3. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.

Lesson	124	125	128	129
Exercise	124.5	125.2	128.4	129.4

Operations and Algebraic Thinking (2.OA)

Work with equal groups of objects to gain foundations for multiplication

4. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.

Lesson	71	72	73	74	75	126
Exercise	71.8	72.8	73.8	74.8	75.7	126.10

Number and Operations in Base Ten (2.NBT)

Understand place value.

1. Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases:
   a. 100 can be thought of as a bundle of ten tens—called a "hundred."
   b. The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).

Lesson	74	116	117	118	126	127	128	129
Exercise	74.8	116.2	117.6	118.5	126.6	127.5	128.1, 128.5	129.2

Number and Operations in Base Ten (2.NBT)

Understand place value.

2. Count within 1000; skip-count by 5s, 10s, and 100s.

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.4, 71.8	72.3, 72.8	73.4, 73.8	74.2, 74.8	75.1, 75.4, 75.9	76.1, 76.7, 76.8	77.1, 77.8, 77.9	78.1, 78.8, 78.9	79.1, 79.7, 79.8	80.1, 80.5, 80.6, 80.8

Lesson	86	87	88	89	90	91	92	93	94	95
Exercise	86.9	87.1, 87.9	88.1, 88.2, 88.6, 88.8	89.1, 89.2, 89.6, 89.8	90.1, 90.2, 90.3, 90.9	91.1, 91.3	92.1, 92.3	93.2	94.2	95.5, 95.7, 95.8

Lesson	96	97	98	99	100	101	102	103	104	105
Exercise	96.4, 96.6, 96.8	97.4, 97.7, 97.8	98.2, 98.4, 98.5, 98.9	99.4, 99.5	100.7, 100.8	101.3, 101.6, 101.7	102.3, 102.6, 102.7	103.4, 103.6	104.4, 104.6, 104.7	105.4, 105.5, 105.7

Lesson	106	107	108	109	110	111	112	113	114	115
Exercise	106.6, 106.7	107.7	108.7	109.2, 109.7	110.2, 110.7	111.7	112.6, 112.7	113.6	114.7	115.7

Lesson	116	117	118	119	120	122	123	124	125	126
Exercise	116.3, 116.7	117.4, 117.7	118.4	119.6	120.2, 120.6	122.3, 122.8	123.3, 123.8	124.3, 124.7	125.9	126.10

Lesson	127	130
Exercise	127.9	130.1

Number and Operations in Base Ten (2.NBT)

Understand place value.

3. Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.

Lesson	74	82	88	89	90	91	92	116	117	118
Exercise	74.8	82.6	88.1	89.1	90.1, 90.7	91.1	92.1	116.6	117.6	118.5

Number and Operations in Base Ten (2.NBT)

Understand place value.

4. Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.

Lesson	81	83	110	112	113	126
Exercise	81.8	83.9	110.7	112.3	113.3	126.9

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

5. Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.1, 71.3, 71.5, 71.8	72.1, 72.5, 72.7, 72.8	73.1, 73.3, 73.5, 73.7, 73.8	74.1, 74.4, 74.5, 74.7, 74.8	75.3, 75.5, 75.6, 75.8, 75.9	76.2, 76.4, 76.6, 76.8	77.4, 77.5, 77.9	78.2, 78.6, 78.9	79.5, 79.8	80.5, 80.7, 80.8

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.2, 81.5, 81.7, 81.8	82.1, 82.2, 82.5, 82.8	83.1, 83.2, 83.7, 83.9	84.1, 84.2, 84.8	85.1, 85.2, 85.8	86.1, 86.2, 86.7, 86.9	87.1, 87.4, 87.7, 87.9	88.5, 88.8	89.2, 89.3, 89.5, 89.7, 89.8	90.2, 90.5, 90.9

Lesson	91	93	94	95	96	97	98	99	100	101
Exercise	91.7	93.8	94.8	95.1, 95.8	96.2, 96.3, 96.8	97.2, 97.3, 97.8	98.2, 98.3, 98.9	99.3, 99.4, 99.8	100.4, 100.8	101.4, 101.7

Lesson	102	103	104	105	106	107	108	109	110	111
Exercise	102.4, 102.7	103.1, 103.5, 103.8	104.1, 104.5, 104.7	105.1, 105.6, 105.7	106.2, 106.3, 106.7	107.2, 107.3, 107.4, 107.7	108.1, 108.3, 108.7	109.1, 109.5, 109.7	110.1, 110.6, 110.7	111.1, 111.3, 111.6, 111.7

Lesson	112	113	114	115	116	117	118	119	120	121
Exercise	112.1, 112.5, 112.7	113.1, 113.5, 113.6	114.1, 114.3, 114.6, 114.7	115.1, 115.3, 115.7	116.1, 116.7	117.1, 117.5, 117.7	118.5	119.1, 119.6	120.1, 120.6	121.1, 121.2, 121.8

Lesson	122	123	124	125	126	127	128	129	130
Exercise	122.1, 122.2, 122.5, 122.8	123.2, 123.5, 123.8	124.2, 124.7	125.8, 125.9	126.9, 126.10	127.8, 127.9	128.7	129.4	130.1

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

6. Add up to four two-digit numbers using strategies based on place value and properties of operations.

Lesson	71	72	73	74	75	76	77	78	79	80
Exercise	71.3, 71.8	72.5	73.3, 73.8	74.4, 74.8	75.5, 75.8, 75.9	76.3, 76.8	77.3, 77.9	78.4, 78.9	79.3, 79.8	80.2, 80.5, 80.7, 80.8

Lesson	81	82	83	84	85	86	87	88	89	90
Exercise	81.2, 81.7, 81.8	82.2, 82.8	83.1, 83.9	84.1, 84.2, 84.3, 84.8	85.8	86.9	87.1, 87.9	88.3, 88.8	89.2, 89.7, 89.8	90.2, 90.9

Lesson	91	92	93	94	95	96	97	98	99	100
Exercise	91.6	92.4, 92.7	93.3, 93.5, 93.7	94.3, 94.5, 94.7	95.1, 95.3, 95.4, 95.8	96.8	97.9	98.9	99.8	100.8

Lesson	101	102	107	108	109	110	111	112	113	114
Exercise	101.7	102.8	107.7	108.7	109.7	110.7	111.7	112.7	113.6	114.3, 114.7

Lesson	115	116	117	119	120	122	124	125	126	127
Exercise	115.1	116.1	117.7	119.6	120.6	122.8	124.7	125.9	126.9	127.9

Lesson	128	129	130
Exercise	128.7	129.4	130.1

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

7. Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

Lesson	71	73	74	75	76	77	78	79	80	81
Exercise	71.8	73.7, 73.8	74.4, 74.7, 74.8	75.9	76.2, 76.3, 76.4, 76.5, 76.6, 76.8	77.3, 77.4, 77.5, 77.7, 77.9	78.2, 78.4, 78.6, 78.7, 78.9	79.3, 79.5, 79.8	80.2, 80.5, 80.7, 80.8	81.5, 81.7, 81.8

Lesson	82	83	84	85	86	87	88	89	90	91
Exercise	82.1, 82.2, 82.5, 82.8	83.3, 83.7	84.2, 84.3, 84.8	85.2, 85.6, 85.8	86.4, 86.9	87.2, 87.9	88.2, 88.5, 88.8	89.7, 89.8	90.5, 90.7, 90.9	91.6

Lesson	92	93	94	95	96	97	98	99	100	101
Exercise	92.4, 92.8	93.3, 93.5, 93.7	94.3, 94.5, 94.7	95.3, 95.4, 95.8	96.7, 96.8	97.6, 97.8	98.9	99.4, 99.8	100.4, 100.8	101.7

Lesson	102	103	104	105	106	107	108	109	110	111
Exercise	102.4, 102.7	103.1, 103.5, 103.8	104.1, 104.5, 104.7	105.1, 105.6, 105.7	106.3, 106.7	107.3, 107.7	108.1, 108.7	109.1, 109.7	110.7	111.1, 111.3, 111.6, 111.7

Lesson	112	113	114	115	116	117	119	120	121	122
Exercise	112.1, 112.5, 112.7	113.1, 113.5, 113.6	114.1, 114.3, 114.6, 114.7	115.1, 115.3, 115.7	116.7	117.7	119.6	120.6	121.8	122.8

Lesson	123	124	125	126	127	128
Exercise	123.8	124.7	125.7	126.9	127.8, 127.9	128.7

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

8. Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.

Lesson	73	74	75	76	77	78	80	82	83	84
Exercise	73.1	74.1	75.5, 75.9	76.3, 76.5	77.7, 77.9	78.4, 78.7	80.2	82.1	83.2	84.1

Lesson	87	89	90	93	94	101	103	104	105	112
Exercise	87.4	89.5, 89.8	90.7	93.5	94.5	101.7	103.1, 103.8	104.1	105.1	112.7

Lesson	114	115	116	117	118	119	120	121
Exercise	114.7	115.1	116.1	117.1	118.1	119.4, 119.6	120.3	121.4

Number and Operations in Base Ten (2.NBT)

Use place value understanding and properties of operations to add and subtract.

9. Explain why addition and subtraction strategies work, using place value and the properties of operations.

Lesson	116	117	118	119	120
Exercise	116.5	117.7	118.5	119.6	120.6

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

1. Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

Lesson	73	98	99	100	116	117	118	119	120
Exercise	73.8	98.6	99.2	100.6	116.7	117.7	118.5	119.6	120.6

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

2. Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.

Lesson	85	86	87	88	98	99	100	116
Exercise	85.3	86.3	87.3, 87.9	88.8, 88.9	98.6	99.2	100.6	116.5

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

3. Estimate lengths using units of inches, feet, centimeters, and meters.

Lesson	85	86	87	125	126	127
Exercise	85.3	86.3	87.3	125.7	126.8	127.8

Measurement and Data (2.MD)

Measure and estimate lengths in standard units.

4. Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.

Lesson	115	116	117	118	119	120	122
Exercise	115.4	116.5	117.7	118.5	119.6	120.6	122.8

Measurement and Data (2.MD)

Relate addition and subtraction to length.

5. Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.

Lesson	71	74	75
Exercise	71.8	74.8	75.9

Measurement and Data (2.MD)

Relate addition and subtraction to length.

6. Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.

Lesson	125	126	127	128
Exercise	125.1	126.1	127.3	128.2

Measurement and Data (2.MD)

Work with time and money.

7. Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.

Lesson	79	80	81	82	83	85	86	87	88	90
Exercise	79.2	80.3	81.3	82.4	83.5	85.5	86.6	87.6	88.9	90.6

Lesson	98	99	101	103	106	108	112	117	118	119
Exercise	98.8, 98.9	99.6, 99.8	101.5	103.8	106.7	108.7	112.7	117.7	118.5	119.5

Lesson	120	121	122	123	127	130
Exercise	120.5	121.6, 121.8	122.7	123.7, 123.8	127.9	130.2

Measurement and Data (2.MD)

Work with time and money.

8. Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately. *Example: If you have 2 dimes and 3 pennies, how many cents do you have?*

Lesson	97	98	99	100	101	102	103	104	105	106
Exercise	97.4	98.4	99.4	100.7	101.5	102.6	103.7	104.7	105.7	106.4, 106.5

Lesson	107	108	109	110	111	115	116
Exercise	107.5, 107.6	108.5, 108.6	109.3, 109.6	110.4, 110.7	111.4	115.4	116.7

Measurement and Data (2.MD)

Represent and interpret data.

9. Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.

Lesson	114	115	124	125	126	127
Exercise	114.7	115.8	124.4	125.4	126.4	127.4

Measurement and Data (2.MD)

Represent and interpret data.

10. Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

Lesson	120	121	122	123	124	125	126	127
Exercise	120.4	121.7	122.4	123.5	124.7	125.5	126.5, 126.10	127.9

Geometry (2.G)

Reason with shapes and their attributes.

1. Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

Lesson	107	110	111	112	113	114	115	116	117	118
Exercise	107.7	110.3	111.2	112.2	113.2	114.2	115.2, 115.7	116.2	117.2, 117.7	118.2

Lesson	126	127	128	129
Exercise	126.2	127.1, 127.6	128.3, 128.6	129.1, 129.3

Geometry (2.G)

Reason with shapes and their attributes.

2. Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.

Lesson	107	123	124	125	126
Exercise	107.7	123.6	124.6	125.3	126.6, 126.9, 126.10

Geometry (2.G)

Reason with shapes and their attributes.

3. Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.

Lesson	106	108	109	110	121	122	123	124	125	126
Exercise	106.6, 106.7	108.7	109.7	110.7	121.5	122.6	123.1	124.1	125.6	126.6, 126.7, 126.9, 126.10

Lesson	127
Exercise	127.7