

Math Mammoth Grade 2 Alignment to the Common Core Standards

The table below lists each lesson in the two student worktexts, 2-A and 2-B, and next to it the relevant Common Core Standard.

Math Mammoth Grade 2-A

Chapter 1: Some Old, Some New

Notice ordinal numbers are not included in the standards. You may skip that lesson if you feel such necessary.

Lesson	page number	Standards
Some Review	9	2.OA.1 2.NBT.5
The 100-Chart and More Review	11	2.NBT.5
Fact Families	14	2.NBT.5
Ordinal Numbers	16	
Even and Odd Numbers	18	2.OA.3
Doubling	20	2.OA.1 2.OA.3
One-Half	23	2.OA.1 2.G.3
Adding with Whole Tens	25	2.OA.1 2.OA.3 2.NBT.5 2.NBT.9
Subtracting Whole Tens	28	2.OA.1 2.NBT.5
Review Chapter 1	30	2.OA.1 2.OA.3 2.NBT.5

Chapter 2: Clock

I have included two topics here that are not mentioned in the standards: elapsed time with whole hours, and the calendar.

Lesson	page number	Standards
Review—Whole and Half Hours	35	
The Minutes	36	2.MD.7
The Minutes, Part 2	39	2.MD.7
Past and Till in Five-Minute Intervals	41	2.MD.7
How Many Hours Pass?	44	
The Calendar: Weekdays and Months	46	
The Calendar: Dates	49	
Review Chapter 2	52	2.MD.7

Chapter 3: Addition and Subtraction Facts Within 0-18

Lesson	page number	Standards
Review: Completing the Next Whole Ten	57	2.NBT.5 2.OA.3
Review: Going Over Ten	59	2.OA.1 2.OA.2 2.OA.3
Adding with 9	61	2.OA.2
Adding with 8	63	2.OA.1 2.OA.2
Adding with 7	65	2.OA.2
Adding with 6	67	2.OA.1 2.OA.2
Review—Facts with 6, 7, and 8	69	2.OA.1 2.OA.2
Subtract to Ten	71	2.OA.2
Difference and How Many More	73	2.OA.1 2.OA.2
Number Rainbows—11 and 12	76	2.OA.2
Fact Families with 11	78	2.OA.2
Fact Families with 12	79	2.OA.2 2.NBT.9
Number Rainbows—13 and 14	81	2.OA.2
Fact Families with 13 and 14	82	2.OA.1 2.OA.2
Fact Families with 15	85	2.OA.1 2.OA.2
Fact Families with 16	87	2.OA.1 2.OA.2
Fact Families with 17 and 18	89	2.OA.1 2.OA.2
Mixed Review Chapter 3	91	2.OA.1 2.OA.3 2.MD.7
Review Chapter 3	93	2.OA.1 2.OA.2 2.OA.3

Chapter 4: Regrouping in Addition

Lesson	page number	Standards
Going Over to the Next Ten	99	2.OA.1 2.NBT.5 2.MD.6
Add with Two-Digit Numbers Ending in 9	102	2.NBT.5
Add a Two-Digit Number and a Single-Digit Number Mentally	104	2.OA.1 2.NBT.5
Regrouping with Tens	106	2.NBT.5
Add in Columns Practice	109	2.OA.1 2.NBT.5 2.NBT.6
Mental Addition of Two-Digit Numbers	112	2.OA.1 2.NBT.5
Adding Three or Four Numbers Mentally	115	2.OA.1 2.NBT.5
Adding Three or Four Numbers in Columns	117	2.OA.1 2.OA.3 2.NBT.6
Mixed Review Chapter 4	121	2.OA.1 2.OA.2 2.OA.3 2.MD.7
Review Chapter 4	123	2.OA.1 2.NBT.5 2.NBT.6

Chapter 5: Geometry and Fractions

Lesson	page number	Standards
Shapes Review	128	2.G.1
Surprises with Shapes	131	2.G.1
Rectangles and Squares	133	2.G.2
Making Shapes	136	2.G.1
Geometric Patterns	139	2.G.1
Solids	141	2.G.1
Some Fractions	151	2.G.2 2.G.3
Comparing Fractions	154	
Mixed Review Chapter 5	156	2.OA.1 2.OA.2 2.NBT.5 2.NBT.6
Review Chapter 5	158	2.G.1 2.G.2 2.G.3

Math Mammoth Grade 2-B

Chapter 6: Three-Digit Numbers

Lesson	page number	Standards
Three-Digit Numbers	10	2.NBT.1 2.NBT.3
Hundreds on the Number Line	14	2.NBT.2
Forming Numbers—and Breaking Them Apart	16	2.NBT.1 2.NBT.3
Skip-Counting by Tens	18	2.NBT.2 2.NBT.7 2.NBT.8
More Skip-Counting .	21	2.NBT.2
Which Number Is Greater?	23	2.NBT.4
Comparing Numbers and Some Review	26	2.NBT.1 2.NBT.4
Add and Subtract Whole Hundreds	29	2.NBT.7 2.NBT.8
Practice with Whole Hundreds	31	2.NBT.7 2.NBT.8 2.MD.5
Completing the Next Hundred	34	2.NBT.7
Adding Whole Tens	37	2.NBT.7
Subtracting Whole Tens	40	2.NBT.7
Patterns and Problems	43	2.NBT.2 2.NBT.7 2.MD.10
Bar Graphs and Pictographs	46	2.MD.10
Mixed Review Chapter 6	50	2.OA.2 2.OA.1 2.NBT.6 2.MD.7 2.G.2 2.G.3
Review Chapter 6	52	2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.4 2.NBT.7 2.NBT.8 2.MD.5

Chapter 7: Measuring

Notice that measuring weight is not mentioned in the standards. I have included it in this chapter, but you may skip it if you so wish. Measuring weight is also covered in 3rd grade.

Lesson	page number	Standards
Measuring to the Nearest Centimeter	57	2.MD.1 2.MD.3 2.MD.4
Inches and Half-Inches	60	2.MD.1 2.MD.3
Some More Measuring	63	2.MD.1 2.MD.2 2.MD.4 2.MD.9 2.G.1
Feet and Miles	66	2.MD.1 2.MD.2 2.MD.3 2.MD.5
Meters and Kilometers	69	2.MD.1 2.MD.3 2.MD.5
Weight in Pounds	71	
Weight in Kilograms	73	
Mixed Review Chapter 7	75	2.NBT.8 2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.7 2.MD.1 2.MD.5 2.G.1
Review Chapter 7	78	2.MD.1 2.MD.2 2.MD.4

Chapter 8: Regrouping in Addition and Subtraction

Though the standards don't actually include it, I have chosen to include lots of word problems where children use three-digit numbers.

Lesson	page number	Standards
Adding 3-Digit Numbers in Columns	82	2.NBT.7
Regrouping 10 Tens as a Hundred	84	2.NBT.7
Add in Columns: Regrouping Twice	88	2.NBT.7 2.NBT.9
Regrouping in Subtraction, Part 1	92	2.NBT.7 2.OA.1
Regrouping in Subtraction, Part 2	95	2.NBT.7
Regrouping in Subtraction, Part 3	98	2.OA.1 2.NBT.5 2.NBT.7 2.MD.6
Word Problems	102	2.OA.1 2.NBT.5 2.MD.5
Mental Subtraction, Part 1	105	2.OA.1 2.NBT.5
Mental Subtraction, Part 2	107	2.OA.1 2.NBT.5 2.NBT.9 2.MD.6
Regrouping One Ten as Ten Ones with 3-Digit Numbers	110	2.NBT.7
Regrouping One Hundred as 10 Tens	113	2.OA.1 2.NBT.7 2.NBT.9
Graphs and Problems	117	2.OA.1 2.MD.10
Euclid's Game	119	2.NBT.5
Mixed Review Chapter 8	122	2.OA.1 2.NBT.7 2.NBT.8 2.NBT.9 2.MD.7 2.MD.9
Review Chapter 8	124	2.OA.1 2.NBT.5 2.NBT.7 2.MD.10

Chapter 9: Money

The only standard here (2.MD.8) has to do with solving word problems involving money. The lesson that teaches to recognize dollar bills (*Dollars*) does not fall under any standard, but it is of course necessary to include.

Lesson	page number	Standards
Counting Coins Review	130	2.MD.8
Change	134	2.MD.8
Dollars	137	
Counting Change	140	2.MD.8
Adding Money Amounts	142	2.MD.8
Mixed Review Chapter 9	144	2.OA.1 2.NBT.5 2.NBT.7 2.MD.2 2.MD.10
Review Chapter 9	147	2.MD.8

Chapter 10: Exploring Multiplication

The topics in this chapter are almost completely outside the Common Core Standards. There is no harm done if you totally omit this chapter from 2nd grade math, because multiplication is studied in great detail in 3rd grade.

Lesson	page number	Standards
Many Times the Same Group	151	
Multiplication and Addition	154	2.OA.4
Multiplying on a Number Line	158	
Multiplication Practice	161	
Mixed Review Chapter 10	163	2.NBT.7 2.MD.7 2.MD.8 2.G.1 2.G.2
Review Chapter 10	166	2.OA.1 2.OA.4