

Math Mammoth Grade 1 Alignment to the Common Core Standards

The table below lists each lesson in the two student worktexts, 1-A and 1-B, and next to it the relevant Common Core Standard.

Math Mammoth Grade 1-A

Chapter 1: Addition Within 0-10

Lesson	page number	Standards
Two Groups and a Total	19	1.OA.5
Learn the Symbols “+” and “=”	22	1.OA.5
Addition Practice 1	25	1.OA.5 1.OA.3
Which is More?	27	
Missing Items	29	1.OA.8
Sums with 5	34	1.OA.6
Sums with 6	36	1.OA.6 1.OA.8 1.OA.3
Adding on a Number Line	38	1.OA.5
Sums with 7	42	1.OA.6 1.OA.8 1.OA.1 1.OA.3
Sums with 8	45	1.OA.6 1.OA.8 1.OA.3
Adding Many Numbers	48	1.OA.2 1.OA.7 1.OA.3
Addition Practice 2	51	1.OA.6
Sums with 9	53	1.OA.6 1.OA.8 1.OA.1
Sums with 10	57	1.OA.6 1.OA.3 1.OA.8 1.OA.1
Comparisons	61	1.OA.7 1.OA.6
Review of Addition Facts	64	1.OA.6 1.OA.8

Chapter 2: Subtraction Within 0-10

Lesson	page number	Standards
Subtraction is “Taking Away”	71	1.OA.5
Count Down to Subtract	74	1.OA.5 1.OA.1
Subtraction and Addition in the Same Picture	78	1.OA.4
When Can You Subtract?	82	1.OA.5 1.OA.7 1.OA.1
Two Subtractions from one Addition	86	1.OA.4
Two Parts — One Total	89	1.OA.4 1.OA.1
Fact Families	92	1.OA.3 1.OA.6 1.OA.7 1.OA.8
How Many More?	96	1.OA.1
“How Many More” Problems and Differences	99	1.OA.1 1.OA.4
“How Many More” Problems and Subtraction	103	1.OA.1 1.OA.4 1.OA.7 1.MD.4
Review Chapter 2	107	1.OA.1 1.OA.4 1.OA.5 1.OA.8

Chapter 3: Place Value Within 0-100

Lesson	page number	Standards
Counting in Groups of 10	112	1.NBT.2
Naming and Writing Numbers	114	1.NBT.2
The Teen Numbers	118	1.NBT.2
Building Numbers 11 - 40	121	1.NBT.2
Building Numbers 41 - 100	123	1.NBT.1 1.NBT.2
A 100 - Chart	125	1.NBT.1 1.NBT.2 1.NBT.5
Add and Subtract Whole Tens	127	1.NBT.5 1.NBT.6
Practicing with Numbers	129	1.NBT.1 1.NBT.2 1.NBT.5
Which Number Is Greater?	131	1.NBT.3
Numbers Past 100	134	1.NBT.1
More Practice with Numbers	136	1.NBT.1 1.NBT.5
Skip-Counting Practice	138	1.NBT.1 1.NBT.5
Bar Graphs	141	1.NBT.4
Tally Marks	143	1.NBT.4
Review Chapter 3	145	1.NBT.1 1.NBT.2 1.NBT.3 1.NBT.5

Math Mammoth Grade 1-B

Chapter 4: Addition and Subtraction Facts

Lesson	page number	Standards
Addition and Subtraction Facts with 4 and 5	10	1.OA.3 1.OA.6 1.OA.8
Addition and Subtraction Facts with 6	12	1.OA.1 1.OA.3 1.OA.4 1.OA.6 1.OA.8
Addition and Subtraction Facts with 7	15	1.OA.1 1.OA.2 1.OA.3 1.OA.6 1.OA.8
Addition and Subtraction Facts with 8	17	1.OA.1 1.OA.3 1.OA.6 1.OA.8
Addition and Subtraction Facts with 9	21	1.OA.3 1.OA.6 1.OA.8
Addition and Subtraction Facts with 10	24	1.OA.1 1.OA.3 1.OA.6 1.OA.8 1.MD.4
Subtracting More Than One Number	28	1.OA.3 1.OA.5
Review — Facts with 6, 7, and 8	30	1.OA.1 1.OA.3 1.OA.6 1.OA.8
Review — Facts with 9 and 10	32	1.OA.1 1.OA.2 1.OA.3 1.OA.6 1.OA.8

Chapter 5: Clock

Lesson	page number	Standards
Whole and Half Hours	38	1.MD.3
Minutes and Half Hours	42	1.MD.3
Time Order	46	
AM and PM	48	
The Calendar	51	
Review - Half Hours	53	1.MD.3

Chapter 6: Shapes and Measuring

Lesson	page number	Standards
Basic Shapes	57	1.G.1 1.G.2
Playing with Shapes	60	1.G.1 1.G.2
Drawing Basic Shapes	63	1.G.1 1.G.2
Practicing Basic Shapes and Patterns	66	1.G.2
Halves and Quarters	69	1.G.3
Measuring Length	73	1.MD.1 1.MD.2
Exploring Measuring	77	
Measuring Lines in Inches	79	1.MD.2
Measuring Lines in Centimeters	82	1.MD.2
Three-Dimensional Shapes	84	1.G.1
Review Chapter 6	86	1.G.1 1.G.2 1.MD.2

Chapter 7: Adding and Subtracting Within 0-100

Lesson	page number	Standards
Refresh Your Memory	90	1.OA.6 1.NBT.5
Adding Without Carrying	92	1.NBT.4
Subtracting Without Borrowing	95	1.OA.8
Adding Or Subtracting Two-Digit Numbers	97	1.NBT.4 1.NBT.6
Completing the Next Ten	102	1.OA.8 1.NBT.4
Going Over Ten	105	1.OA.6 1.NBT.4 1.MD.4
Subtracting from Whole Tens	108	1.OA.1 1.NBT.6
Add Using “Just One More”	111	1.OA.1 1.OA.6 1.OA.8
A “Trick” with Nine and Eight	113	1.OA.1 1.OA.6 1.OA.8
Adding within 20	116	1.OA.1 1.OA.6 1.OA.8
Subtract to Ten	120	1.OA.1 1.OA.6
Using Addition to Subtract	122	1.OA.1 1.OA.6 1.OA.8
Some Mixed Review	125	1.MD.3 1.NBT.4 1.MD.4 1.G.3
Pictographs	128	1.MD.4
Review Chapter 7	130	1.NBT.4 1.OA.1 1.OA.6 1.MD.4

Chapter 8: Coins

The Common Core standards do not explicitly mention money-related topics for first grade (they do not prohibit them either). I have decided to include counting coins for first grade for several reasons: it is traditional, I expect many parents will appreciate it, and also because it ties in with the addition skills children have learned in first grade.

Lesson	page number	Standards
Counting Dimes, Nickels, and Cents	136	
Counting Dimes, Nickels, and Cents 2	139	
Quarters	141	
Practicing with Money	144	
Review - Coins	146	