Kindergarten Critical Topics

Major Supporting Additional

Chapter 1	Numbers to 5	K.CC.A.3, K.CC.B.4, K.CC.B.4a, K.CC.B.4b, K.CC.B.5
Chapter 2	Numbers to 10	K.CC.A.2, K.CC.A.3 K.CC.B.4, K.CC.B.4a, K.CC.B.4b, K.CC.B.4c, K.CC.B.5, K.OA.A.3
Chapter 3	Measurement	K.MD.A.1, K.MD.A.2
Chapter 4	Compare Numbers to 10	K.CC.B.4c, K.CC.C.6, K.CC.C.7
Chapter 5	Solid and Flat Shapes	K.G.A.1, K.G.A.2, K.G.A.3, K.G.B.4, K.G.B.5, K.G.B.6
Chapter 6	Numbers to 20	K.CC.A.2, K.CC.A.3, K.CC.B.4, K.CC.B.4a, K.CC.B.4b, K.CC.B.4c, K.CC.B.5, K.NBT.A.1
Chapter 7	Addition	K.OA.A.1, K.OA.A.2, K.OA.A.4, K.OA.A.5
Chapter 8	Subtraction	K.OA.A.1, K.OA.A.2, K.OA.A.4, K.OA.A.5
Chapter 9	Numbers to 100	K.CC.A.1, K.CC.A.2, K.CC.B.4, K.CC.B.4a, K.CC.B.4b, K.CC.B.4c, K.CC.B.5, K.CC.C.6, K.NBT.A.1
Chapter 10	Classifying and Sorting	K.MD.B.3 NY-K.OA.6

First Grade Critical Topics

	Major	Supporting	Additional
Chapter 1	Numbers to 10		1.NBT.A.1
Chapter 2	Addition and Subtraction Within 10		1.OA.3, 1.OA.4, 1.OA.5, 1.OA.6, 1.OA.7
Chapter 3	Shapes and Patterns		1.G.A.1, 1.G.A.2, 1.G.A.3
Chapter 4	Numbers to 20		1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2a, 1.NBT.B.2b, 1.NBT.B.3
Chapter 5	Addition and Subtraction Within 20		1.OA.A.1, 1.OA.A.2, 1.OA.B.3, 1.OA.B.4, 1.OA.C.5, 1.OA.C.6, 1.OA.D.7, 1.OA.D.8
Chapter 6	Numbers to 40		1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2a, 1.NBT.B.2b, 1.NBT.B.3
Chapter 7	Calendar and Time		1.MD.B.3
Chapter 8	Addition and Subtraction Within 40		1.NBT.C.4, 1.NBT.C.6, 1.OA.A.2
Chapter 9	Length and Weight		1.MD.A.1, 1.MD.A.2
Chapter 10	Numbers to 120		1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2c, 1.NBT.B.3
Chapter 11	Addition and Subtraction Within 100		1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6
Chapter 12	Graphs		1.MD.C.4
Chapter 13	Money		NY-1.MD.3b, NY-1.MD.3C

Second Grade Critical Topics

Major Supporting Additional

Chapter 1	Numbers to 1,000	**2.NBT.A.1, 2.NBT.A.1a, 2.NBT.A.1b, 2.NBT.A.2, 2.NBT.A.3, 2.NBT.A.4**
Chapter 2	Addition Within 1,000	**2.OA.B.2, 2.NBT.B.5, 2.NBT.B.6, 2.NBT.B.7, 2.NBT.B.8, 2.NBT.B.9**
Chapter 3	Subtraction Within 1,000	**2.OA.B.2, 2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.8, 2.NBT.B.9**
Chapter 4	Using Bar Models: Addition and Subtraction	**2.OA.A.1**
Chapter 5	Length	**2.MD.A.1, 2.MD.A.2, 2.MD.A.3, 2.MD.A.4, 2.MD.B.5, 2.MD.B.6**
Chapter 6	Mass	
Chapter 7	Graphs and Line Plots	2.MD.D.9, 2.MD.D.10
Chapter 8	Multiplication and Division	2.OA.C.3, 2.OA.C.4
Chapter 9	Multiplication Tables	**3.OA.A.1, 3.OA.A.2, 3.OA.A.4, 3.OA.B.5, 3.OA.B.6, 3.OA.C.7, 3.OA.D.9**
Chapter 10	Time and Money	2.MD.C.7, 2.MD.C.8
Chapter 11	Shapes	2.G.A.1, 2.G.A.2, 2.G.A.3

Third Grade Critical Topics

Major Supporting Additional

Chapter 1	Numbers to 10,000	3.NBT.A.1
Chapter 2	Addition Within 10,000	3.NBT.A.1, 3.NBT.A.2, **3.OA.D.8, 3.OA.D.9**
Chapter 3	Subtraction Within 10,000	3.NBT.A.1, 3.NBT.A.2, **3.OA.D.8**
Chapter 4	Multiplication Tables	**3.OA.A.1, 3.OA.A.2, 3.OA.A.4, 3.OA.B.5, 3.OA.B.6, 3.OA.C.7, 3.OA.D.9**
Chapter 5	Multiplication	3.OA.A.3, **3.NBT.A.3**
Chapter 6	Using Bar Models: The Four Operations	**3.OA.A.3, 3.OA.D.8**
Chapter 7	Fractions	**3.NF.A.1, 3.NF.A.2, 3.NF.A.2a, 3.NF.A.2b, 3.NF.A.3, 3.NF.A.3a, 3.NF.A.3b, 3.NF.A.3c, 3.NF.A.3d,** 3.G.A.2
Chapter 8	Measurement	**3.MD.A.2**
Chapter 9	Area and Perimeter	**3.MD.C.5, 3.MD.C.5a, 3.MD.C.5b, 3.MD.C.6, 3.MD.C.7, 3.MD.C.7a, 3.MD.C.7b, 3.MD.C.7c, 3.MD.C.7d,** 3.MD.D.8
Chapter 10	Time	**3.MD.A.1**
Chapter 11	Graphs and Line Plots	3.MD.B.3, 3.MD.B.4
Chapter 12	Angles, Lines and 2 D Shapes	3.G.A.1

Fourth Grade Critical Topics

Major Supporting Additional

Chapter 1	Working with Whole Numbers	4.NBT.A.1, 4.NBT.A.2, 4.NBT.A.3, 4.NBT.B.4, 4.OA.A.3, 4.OA.A.5
Chapter 2	Multiplication and Division	4.NBT.B.5. 4.NBT.B.6, 4.OA.A.1, 4.OA.A.2, 4.OA.A.3, 4.OA.A.4
Chapter 3	Fractions and Mixed Numbers	4.NF.A.1, 4.NF.A.2, 4.NF.B.3, 4.NF.B.3a, 4.NF.B.3b, 4.NF.B.3c, 4.NF.B.3d, 4.NF.B.4, 4.NF.B.4a, 4.NF.B.4b, 4.NF.B.4c, 4.MD.B.4
Chapter 4	Decimals	4.NF.C.5, 4.NF.C.6, 4.NF.C.7
Chapter 5	Conversion of Measurements	4.MD.A.1, 4.MD.A.2
Chapter 6	Area and Perimeter	4.MD.A.3
Chapter 7	Angles and Line Segments	4.MD.C.5, 4.MD.C.5a, 4.MD.C.5b, 4.MD.C.6, 4.MD.C.7, 4.G.A.1
Chapter 8	Polygons and Symmetry	4.G.A.2, 4.G.A.3
Chapter 9	Tables and Line Graphs	

Fifth Grade Critical Topics

Major Supporting Additional

Chapter 1	Whole Numbers and The Four Operations	**5.NBT.A.1, 5.NBT.A.2, 5.NBT.A.5, 5.NBT.A.6,** 5.OA.A.1, 5.OA.A.2
Chapter 2	Fractions and Mixed Numbers	**5.NF.A.1, 5.NF.A.2, 5.NF.B.3**
Chapter 3	Multiplying and Dividing Fractions and Mixed Numbers	**5.NF.B.4, 5.NF.B.4a, 5.NF.B.4b, 5.NF.B.5, 5.NF.B.5a, 5.NF.B.5b, 5.NF.B.6, 5.NF.B.7, 5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c**
Chapter 4	Decimals	5.NBT.A.3, 5.NBT.A.3a, 5.NBT.A.3b, 5.NBT.A.4
Chapter 5	Four Operations of Decimals	**5.NBT.2, 5.NBT.B.7,** 5.MD.A.1
Chapter 6	Volume	**5.MD.C.3, 5.MD.C.3a, 5.MD.C.3b, 5.MD.C.4, 5.MD.C.5, 5.MD.C.5a, 5.MD.C.5b, 5.MD.C.5c**
Chapter 7	Line Plots and the Coordinate Plane	5.MD.B.2, 5.G.A.1, 5.G.A.2, 5.OA.A.3
Chapter 8	Polygons	5.G.B.3, 5.G.B.4
Chapter 9	Ratio	Pre – 6th Grade
Chapter 10	Percent	Pre – 6th Grade

Sixth Grade Critical Topics

Major	Supporting	Additional
Chapter 1	Whole Numbers, Prime Numbers, Factoring	
Chapter 2	Negative Numbers and Number Lines	
Chapter 3	Fractions and Decimals	
Chapter 4	Ratio	
Chapter 5	Rate	
Chapter 6	Percent	
Chapter 7	Algebraic Expressions	
Chapter 8	Equations and Inequalities	
Chapter 9	Coordinate Plane	
Chapter 10	Area of Polygons	
Chapter 11	Surface Area and Volume of Solids	
Chapter 12	Statistics	
Chapter 13	Measures of Central Tendency	

7th Grade Critical Topics

Major Supporting Additional

Chapter 1	Rational Numbers
Chapter 2	Algebraic Expressions
Chapter 3	Algebraic Equations and Inequalities
Chapter 4	Proportion and Percent of Change
Chapter 5	Angle Properties and Straight Lines
Chapter 6	Geometric Construction
Chapter 7	Circumference, Area, Volume, and Surface Area
Chapter 8	Statistics and Probability
Chapter 9	Probability of Compound Events

Eighth Grade Critical Topics

Major Supporting Additional

Chapter 1	The Real Number System
Chapter 2	Exponents
Chapter 3	Scientific Notation
Chapter 4	Linear Equations and Inequalities
Chapter 5	Lines and Linear Equations
Chapter 6	Systems of Linear Equations
Chapter 7	Functions
Chapter 8	The Pythagorean Theorem
Chapter 9	Geometric Transformations
Chapter 10	Congruence and Similarity
Chapter 11	Volume and Surface Area of Solids
Chapter 12	Statistics