

Accelerated Grades 6 and 7 Scope and Sequence

This Grade 6 sequence combines content from Grade 6, Volumes 1 and 2 and Grade 7, Volume 1.

KEY:

 = Lesson from Grade 6, Volume 1  = Lesson from Grade 7, Volume 1 **Bold black text** = Content in the Major Work of the grade

 = Lesson from Grade 6, Volume 2 **Blue text** = Content in the Supporting/Additional Work of the grade

Unit/Source	Title	Focus/Assessed Standard(s)	Days for Units and Lessons	Classroom Mathematics California Grade and Volume
Unit A—Expressions and Equations: Area, Algebraic Expressions, and Exponents			16	
G6, V1: U1, L1	Find the Area of a Parallelogram	6.G.1	2	G6, V1
G6, V1: U1, L2	Find the Area of Triangles and Other Polygons	6.G.1	2	G6, V1
G6, V1: U1, L3	Use Nets to Find Surface Area	6.G.4	3	G6, V1
G6, V1: U1, L4	Work with Algebraic Expressions	6.EE.2, 6.EE.2a, 6.EE.2b, 6.EE.2c, 6.EE.6	3	G6, V1
G6, V1: U1, L5	Write and Evaluate Expressions with Exponents	6.EE.1, 6.EE.2, 6.EE.2c	3	G6, V1
G6, V1: U1, L6	Find Greatest Common Factor and Least Common Multiple	6.NS.4	2	G6, V1
Unit B—Decimals and Fractions: Base-Ten Operations, Division with Fractions, and Volume			13	
G6, V1: U2, L7	Add, Subtract, and Multiply Multi-Digit Decimals	6.NS.3	2	G6, V1
G6, V1: U2, L8	Divide Whole Numbers and Multi-Digit Decimals	6.NS.2, 6.NS.3	3	G6, V1
G6, V1: U2, L9	Understand Division with Fractions	6.NS.1	1	G6, V1
G6, V1: U2, L10	Divide Fractions	6.NS.1	3	G6, V1
G6, V1: U2, L11	Solve Volume Problems with Fractions	6.G.2	3	G6, V1

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ACCELERATION STARTING IN GRADE 6, CONT'D.

Unit/Source	Title	Focus/Assessed Standard(s)	Days for Units and Lessons	Classroom Mathematics California Grade and Volume
Unit C—Ratio Reasoning: Ratio Concepts and Equivalent Ratios			9	
G6, V1: U3, L12	Understand Ratio Concepts	6.RP.1	1	G6, V1
G6, V1: U3, L13	Find Equivalent Ratios	6.RP.3, 6.RP.3a	4	G6, V1
G6, V1: U3, L14	Use Part-to-Part and Part-to-Whole Ratios	6.RP.3, 6.RP.3a	3	G6, V1
Unit D—Ratio Reasoning: Unit Rates and Percent			10	
G6, V1: U4, L15	Understand Rate Concepts	6.RP.2	1	G6, V1
G6, V1: U4, L16	Use Unit Rates to Solve Problems	6.RP.3, 6.RP.3b, 6.RP.3d	4	G6, V1
G6, V1: U4, L17	Understand Percents	6.RP.3, 6.RP.3c	1	G6, V1
G6, V1: U4, L18	Use Percents to Solve Problems	6.RP.3, 6.RP.3c	3	G6, V1
Unit E—Algebraic Thinking: Equivalent Expressions and Equations with Variables			12	
G6, V2: U5, L19	Write and Identify Equivalent Expressions	6.EE.3, 6.EE.4, 6.NS.4	4	G6, V2
G6, V2: U5, L20	Understand Solutions of Equations	6.EE.5	1	G6, V2
G6, V2: U5, L21	Write and Solve One-Variable Equations	6.EE.7	3	G6, V2
G6, V2: U5, L22	Analyze Two-Variable Relationships	6.EE.9	3	G6, V2
Unit F—Proportional Relationships: Ratios, Rates, and Circles			16	
G7, V1: U1, L1	Solve Problems Involving Scale	7.G.1	4	G7, V1
G7, V1: U1, L2	Find Unit Rates Involving Ratios of Fractions	7.RP.1	2	G7, V1
G7, V1: U1, L3	Understand Proportional Relationships	7.RP.2, 7.RP.2b, 7.RP.2c	1	G7, V1
G7, V1: U1, L4	Represent Proportional Relationships	7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2d	3	G7, V1
G7, V1: U1, L5	Solve Proportional Relationship Problems	7.RP.2, 7.RP.2b, 7.RP.3	2	G7, V1
G7, V1: U1, L6	Solve Area and Circumference Problems Involving Circles	7.G.4	3	G7, V1

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ACCELERATION STARTING IN GRADE 6, CONT'D.

Unit/Source	Title	Focus/Assessed Standard(s)	Days for Units and Lessons	Classroom Mathematics California Grade and Volume
Unit G—Positive and Negative Numbers: Absolute Value, Inequalities, and the Coordinate Plane			13	
G6, V2: U6, L23	Understand Positive and Negative Numbers	6.NS.5, 6.NS.6, 6.NS.6a, 6.NS.6c	1	G6, V2
G6, V2: U6, L24	Order Positive and Negative Numbers	6.NS.7, 6.NS.7a, 6.NS.7b	2	G6, V2
G6, V2: U6, L25	Understand Absolute Value	6.NS.7, 6.NS.7c, 6.NS.7d	1	G6, V2
G6, V2: U6, L26	Write and Graph One-Variable Inequalities	6.EE.5, 6.EE.8	4	G6, V2
G6, V2: U6, L27	Understand the Four-Quadrant Coordinate Plane	6.NS.6, 6.NS.6b, 6.NS.6c	1	G6, V2
G6, V2: U6, L28	Solve Problems in the Coordinate Plane	6.NS.8, 6.G.3	3	G6, V2
Unit H—Numbers and Operations: Add and Subtract Rational Numbers			9	
G7, V1: U2, L7	Understand Addition with Negative Integers	7.NS.1, 7.NS.1a, 7.NS.1b	1	G7, V1
G7, V1: U2, L8	Add with Negative Numbers	7.NS.1, 7.NS.1d	3	G7, V1
G7, V1: U2, L9	Understand Subtraction with Negative Integers	7.NS.1, 7.NS.1c	1	G7, V1
G7, V1: U2, L10	Add and Subtract Positive and Negative Numbers	7.NS.1, 7.NS.1d	3	G7, V1
Unit I—Numbers and Operations: Multiply and Divide Rational Numbers			9	
G7, V1: U3, L11	Understand Multiplication with Negative Integers	7.NS.2, 7.NS.2a	1	G7, V1
G7, V1: U3, L12	Multiply and Divide with Negative Numbers	7.NS.2, 7.NS.2b, 7.NS.2c	3	G7, V1
G7, V1: U3, L13	Express Rational Numbers as Terminating or Repeating Decimals	7.NS.2, 7.RP.3	3	G7, V1
G7, V1: U3, L14	Use the Four Operations with Negative Numbers	7.NS.3, 7.EE.3	1	G7, V1
Unit J—Algebraic Thinking: Expressions, Equations, and Inequalities			13	
G7, V1: U4, L15	Write Equivalent Expressions Involving Rational Numbers	7.EE.1	3	G7, V1
G7, V1: U4, L16	Understand Reasons for Rewriting Expressions	7.EE.2	1	G7, V1
G7, V1: U4, L17	Understand Multi-Step Equations	7.EE.4	1	G7, V1
G7, V1: U4, L18	Write and Solve Multi-Step Equations	7.EE.4, 7.EE.4a	3	G7, V1
G7, V1: U4, L19	Write and Solve Inequalities	7.EE.4, 7.EE.4b	4	G7, V1

ACCELERATION STARTING IN GRADE 6, CONT'D.

Unit/Source	Title	Focus/Assessed Standard(s)	Days for Units and Lessons	Classroom Mathematics California Grade and Volume
Unit K—Statistical Thinking: Data Distributions and Measures of Center and Variability			13	
G6, V2: U7, L29	Understand Statistical Questions and Data Distributions	6.SP.1, 6.SP.2, 6.SP.5, 6.SP.5a	1	G6, V2
G6, V2: U7, L30	Use Dot Plots and Histograms to Describe Data Distributions	6.SP.2, 6.SP.4, 6.SP.5, 6.SP.5b	3	G6, V2
G6, V2: U7, L31	Interpret Median and Interquartile Range in Box Plots	6.SP.3, 6.SP.4, 6.SP.5, 6.SP.5c	3	G6, V2
G6, V2: U7, L32	Interpret Mean and Mean Absolute Deviation	6.SP.3, 6.SP.5, 6.SP.5c	3	G6, V2
G6, V2: U7, L33	Use Measures of Center and Variability to Summarize Data	6.SP.5, 6.SP.5d	2	G6, V2
TOTAL			133	