



Math K-1 CCRS Level A Alignment

College & Career Readiness Standards

Standard	Math K Lessons	Math 1 Lessons	TABE Level L Standard
Number and Operations: Base Ten			
Understand place value		6 Compare to 10, 26 Compare 50, 33 Skip Count 5s and 10s, 35 Group 10s, 36 Compare 100	6-1.NBT.2-.3 26/35/36-1.NBT.3
Use place value to add and subtract		40 Add Column 1-Digit, 41 Add 100 A, 42 Add 100 B, 48 Add Mental 10, 49 Sub Mental 10, 50 Add Sub Mental	1.NBT.4 1.NBT.4 1.NBT.5 1.NBT.5-.6 1.NBT.5
Operations and Algebraic Thinking			
Add and subtract to solve word problems		51 Number Sent Ad Sub, 52 Word Prob Add Sub	1.OA.2 1.OA.2
Properties of operations		45 Subtract Missing Addend	1.OA.3
Add and subtract to 20		8 Add Count Together, 9 Add Count On, 10 Decompose, 11 Add Facts 1s, 12 Add Facts 2s, 13 Add Facts 3s, 15 Add Count 3, 16 Add Facts 4s, 17 Add Facts 5s, 18 Add Facts 6s, 19 Add Count 6, 20 Add Facts 7s, 21 Add Facts 8s, 22 Add Facts 9s, 23 Add Facts 10s, 24 Add Count 10, 30 Add Challenge, 37 Hop Ahead A, 38 Hop Ahead B, 39 Add Make 10, 44 Sub Count Back, 46 Hop Back A, 47 Hop Back B	1.OA.4 9/10-1.OA.4 11/12-1.OA.5 1.OA.5 1.OA.5 1.OA.5 1.OA.5 1.OA.6 1.OA.6 1.OA.6 1.OA.6 1.OA.6
Work with addition and subtraction		6 Compare to 10, 27 Number Sent Add, 51 Number Sent Add Sub	1.OA.7 1.OA.8 1.OA.8
Geometry			
Analyze, compare, create, compose shapes	57 Compare Shapes		K.G.4
Reason with shapes and their attributes		59 Compose Shapes	1.G.2
Measurement and Data			
Measure lengths and length units		55 Measure Length	1.MD.2
Represent and interpret data		57 Collect Data Table	1.MD.4



Math 2-3 CCRS Level B Alignment

College & Career Readiness Standards

Standard	Math 2 Lessons	Math 3 Lessons	TABE Level E Standards
Number and Operations: Base Ten			
Understand place value	7 Count to 1000, 8 Number Names, 10 Place Value, 11 Expanded Notation, 12 Comparison Basics		7-2.NBT.2 8/11-2.NBT.3 10-2.NBT.1 12-2.NBT.4
Use place value to add and subtract	9 Group 10s, 27 Add Mental 10, 28 Subtract Mental 10, 29 Add Mental 100, 30 Subtract Mental 100, 33 Long Addition, 34 Add Column 2-Digit, 38 Subtraction, 41 Addition Properties		2.NBT.6 2.NBT.6 2.NBT.6 2.NBT.6 34-2.NBT.6 38/41-2.NBT.7
Multi-digit arithmetic		8 Rounding, 17 Long Addition, 22 Subtraction, 29 Multiply by 10s	8-3.NBT.1 17/22-3.NBT.2 29-3.NBT.3
Numbers and Operations: Fractions			
Fractions as numbers		38 Fractions Intro, 39 Fractions Number Line, 40 Equivalent Fractions, 42 Compare Fractions (*same denom)	3.NF.1 3.NF.2 3.NF.3 3.NF.3
Operations and Algebraic Thinking			
Add and subtract to solve word problems	40 Add Subtract Word Problems		2.OA.1
Add and subtract with 20	16-25 Add Facts 1 to 10, 31 Add Facts Challenge, 37 Subtract Missing Addend		2.OA.1 2.OA.1 2.OA.1
Multiplication and division		25 Multiply Basics, 26 Multiply Arrays, 32 Division Basics, 33 Division Unknown Factor, 34 Number Sentences, 35 Multiply Word Problems	3.OA.1 3.OA.2 ----- 3.OA.3 3.OA.3
Relationship between multiplication and division		33 Division Unknown Factor, 37 Multiplication Properties	3.OA.4, .6 3.OA.5, .7
Multiply and divide within 100		27 Mult Facts 1 to 5, 28 Mult Facts 6 to 10, 30 Mult Facts Challenge, 31 Multiply by 1 Digit, 33 Division Unknown Factor	3.OA.7 3.OA.7 3.OA.7 3.OA.7 3.OA.6
Four operations, two-step problems		36 Multi-Step Word Problems, 44 Patterns	3.OA.8 3.OA.9
Geometry			
Reason with shapes and their attributes	45 Early Fractions, 58 Shapes	38 Fractions Intro, 40 Equivalent Fractions, 54 Shapes	2.G.1, .3 38/40/54-3.G.2
Measurement and Data			
Measure and estimate lengths	47 Measure Length, 48 Estimate Length, 49 Word Problems Length		2.MD.2 2.MD.3 ----
Add and subtract lengths	14 Add Count On, 36 Subtract Count Back		2.MD.4 2.MD.4
Time, liquid, volumes, and masses		47 Measurement, 50 Telling Time	47-3.MD.2 50-3.MD.1
Represent and interpret data	54 Tables Graphs, 57 Charts Graphs	45 Measure Length, 51 Collect Data Table, 52 Table Graphs, 53 Charts Graphs	54/56-2.MD.6, .10 45/51-3.MD.4 52/53-3.MD.3
Area		55 Area Perimeter	3.MD.5, .7
Perimeter		55 Area Perimeter	3.MD.8



Math 4-5, +6 CCRS Level C Alignment Page 1 of 3

College & Career Readiness Standards

Standard	Math 4 Lessons	Math 5 Lessons	Math 6 Lessons	TABE Level M Standards
Number and Operations: Base Ten				
Place value, multi-digit whole numbers	1 Place Value, 2 Rounding, 3 Comparison, 14 Multiply 10s			4.NBT.1 4.NBT.3 4.NBT.1 4.NBT.1
Place value, multi-digit arithmetic	5 Long Addition, 6 Add 4 2-Digit, 8 Subtraction, 15 Multiply 1-Digit, 16 Long Multiplication, 19 Long Division (*models)			4.NBT.4 4.NBT.4 4.NBT.5 4.NBT.5 4.NBT.6
Place value system		1 Place Value, 12 Multiply 10s (*powers 10), 36 Decimal Basics, 37 Decimal Place Value, 38 Compare Decimals		5.NBT.7 ----- 5.NBT.3 5.NBT.3, .4 5.NBT.3
Operations, whole numbers and decimals to hundredths		14 Long Multiplication, 16 Division Basics, 17 Division Unknown Factor, 18 Long Division (* illustrate), 39 Add Decimals, 40 Multiply Decimals		5.NBT.5 4.NBT.6 4.NBT.6 4.NBT.6 5.NBT.7 5.NBT.7
The Number System				
Factors and multiples			11 Long Division, 12 Factors Multiples, 13 Reduce Fractions, 14 Add Fractions, 18 Add Decimals, 19 Multiply Decimals	6.NS.2 6.NS.4 6.NS.1 5.NF.2 5.NBT.7 5.NBT.7
Multiply and divide fractions by fractions			15 Multiply Fractions, 16 Divide Fractions Problems	5.NF.4 5.NF.7, 6.NS.1
Number and Operations: Fractions				
Fraction equivalence and ordering	27 Equivalent Fractions, 35 Compare Fractions			4.NF.1 4.NF.1
Build fractions	25 Fractions Intro, 32 Multiply Fractions, 33 Add Fractions Same Den, 36 Fractions Word Problems			4.NF.3 4.NF.4 5.NF.2 5.NF.2
Fraction decimal notation	38 Decimal Place Value, 39 Compare Decimals			4.NF.7 4.NF.7
Equivalent fractions, add and subtract		33 Add Fractions Diff Den, 32 Add Fractions Same Den, 35 Fraction Word Problems		5.NF.2 5.NF.2 5.NF.2
Multiply and divide fractions		26 Equivalent Fractions, 31 Multiply Fractions, 34 Compare Fractions, 35 Fractions Word Problems, 53 Area 5 (* Fractional Side Lengths)		4.NF.1 5.NF.4 4.NF.1 5.NF.3, .6 5.NF.5
Ratios and Proportional Relationships				
Ratio concepts to solve problems			34 Ratio Proportions	6.RP.2



Math 4-5, +6 CCRS Level C Alignment Page 2 of 3

College & Career Readiness Standards

Standard	Math 4 Lessons	Math 5 Lessons	Math 6 Lessons	TABE Level M Standards
Operations and Algebraic Thinking				
Four operations to solve problems	10 Multiply Basics, 11 Multiply Arrays, 21 Multiply Word Problems, 22 Multi-Step Word Problems			4.OA.1 4.OA.2 4.OA.2 4.OA.3
Factors and multiples	29 Factors Multiples, 30 Prime Numbers			4.OA.4 4.OA.4
Generate and analyze patterns	40 Patterns			4.OA.5
Write and interpret numerical expressions		46 Translate Words Algebra, 47 Order of Operations		5.OA.1 5.OA.1
Expressions and Equations				
Use arithmetic to algebraic expressions			21 Exponent Basics, 22 Algebra Terms, 23 Translate Words Algebra, 27 Add Like Terms, 28 Distributive, 29 Commutative Property, 30 Equivalent Expressions	6.EE.2 6.EE.2 6.EE.2 6.EE.3 6.EE.3 6.EE.3 6.EE.3, .4
One-variable equations and inequalities			7 Graph Inequalities, 23 Translate Words Algebra, 31 Equations True, 32 Solve 1-Step Equations, 33 Word Problems 1-Step	6.EE.8 6.EE.9 6.33.5 6.EE.6 6.EE.6
Dependent and independent variables			33 Word Problems, 35 Relations Tables Graphs	6.EE.7 6.EE.9
Geometry				
Lines and angles, shape properties	54 Lines, 55 Angle Basics			4.G.1
Graph points on coordinate plane		48 Coordinate Graphs		5.G.1
Classify two-dimensional figures		57 Triangles, 58 Polygons		5.G.3
Area, surface area, volume			43 Polygon Areas, 49 Draw Polygons, 50 Nets Surface Area	6.G.4 6.G.4 6.G.4
Measurement and Data				
Convert measurements larger to smaller	22 Multi-Step Problems, 36 Fractions Word Problems, 45 Conversions, 46 Money Word Problems, 53 Area Perimeter			5.MD.1 5.MD.1 5.MD.1 5.MD.1 5.MD.1
Concepts of angle and measure angles	55 Angles Basics, 56 Angle Measure			4.MD.5, .6, .7 4.MD.5, .6, .7
Convert like measurements		50 Conversions		5.MD.1
Represent and interpret data		25 Fractions Number Line		5.MD.2
Volume, relate to multiplication and to addition		54 Volume Prism 5		5.MD.4, .5



Math 4-5, +6 CCRS Level C Alignment Page 3 of 3

College & Career Readiness Standards

Standard	Math 4 Lessons	Math 5 Lessons	Math 6 Lessons	TABE Level M Standards
Statistics and Probability				
Develop understanding of statistical variability			51 Statistics Basics, 53 Distribution Dot Plots, 54 Mean Median, 57 Variation MAD	6.SP.1 6.SP.2 6.SP.2 6.SP.2
Summarize and describe distributions			53 Distribution Dot Plots, 55 Histogram, 56 Box Whisker	6.SP.4 6.SP.4 6.SP.4



Math +6, 7-8 CCRS Level D Alignment Page 1 of 3

College & Career Readiness Standards

Standard	Math 6 Lessons	Math 7 Lessons	Math 8 Lessons	TABE Level D Standards
The Number System				
Rational numbers	2 Negative Numbers, 3 Rational Numbers, 4 Number Line, 5 Fractions Number Line, 6 6 Coordinate Graphs, 7 Graph Inequalities, 8 Absolute Value, 49 Draw Polygons Coord Plane			6.NS.5 6.NS.6 6.NS.6 6.NS.6 6.NS.8 ----- 6.NS.7, .8 6.NS.8
Fractions to add, subtract, multiply, divide rational numbers		2 Negative Numbers, 6 Signed Add Subtract, 7 Rational Add Subtract, 8 Signed Multiply Divide, 9 Rational Multiply Divide, 10 Compare Fractions Decimals, 11 Divide Fractions Problems, 12 Rational Word problems		7.NS.1 7.NS.1 7.NS.1 7.NS.2 7.NS.2 ----- 7.NS.2 7.NS.2
Non-rational numbers			2 Irrational Numbers, 3 Square Roots	8.NS.2 8.NS.2
Solve problems with ratios	35 Relationships Tables Graphs, 36 Unit Rate 6, 37 Percent Basics, 38 Percent Problems, 39 Conversions			6.RP.3 6.RP.3 7.RP.3 7.RP.3 7.RP.2
Proportional relationships		33 Unit Rate 7, 34 Relations Tables Graphs, 35 Constant of Proportionality, 36 Ratios Proportions, 37 Proportion Graphs, 38 Percent Problems, 39 Proportion Word Problems		7.RP.1 7.RP.1 7.RP.2 7.RP.2 7.RP.2 7.RP.3 7.RP.3



Math +6, 7-8 CCRS Level D Alignment Page 2 of 3

College & Career Readiness Standards

Standard	Math 6 Lessons	Math 7 Lessons	Math 8 Lessons	TABE Level D Standards
Expressions and Equations				
Use properties of operations to generate equivalent expressions		21 Expressions Rational Coeff, 22 Rewrite Expressions		7.EE.2 7.EE.2
Word problems with algebraic expressions and equations		23 Fractions Word Problems, 24 Multi-Step Rational Problem, 26 Solve Equations, 27 Rate, 28 Linear Word Problems, 29 Solve Inequal, 30 Graph Inequal, 31 Inequal Word Problems		7.EE.3 7.EE.3 7.EE.3 7.EE.3 7.EE.4 7.EE.4 ---- 7.EE.4
Radicals and integer exponents			3 Square Roots, 4 Exponent Basics, 5 Exponent Rules, 6 Square Root Equations, 7 Scientific Notation, 8 Scientific Operations, 9 Scientific Comparison	8.EE.2 8.EE.1 8.EE.1 8.EE.2 8.EE.3 8.EE.3 8.EE.3
Proportions, lines, and linear equations			22 Parallel Perpendicular, 28 Slope Unit Rate, 29 Proportion Word Problems, 31 Graphing Calculator	---- 8.EE.5 8.EE.5 -----
Linear equations			14 Solve Equations, 15 Equation Solutions, 32 Systems Graphing, 33 Systems Substitution, 34 Systems Problems	8.EE.8 8.EE.8 8.EE.8 8.EE.8 8.EE.8
Functions				
Define, evaluate, and compare functions			16 Linear Equations, 18 Points on a Line, 19 Line Graphs, 35 Functions Relations, 36 Functions Notation, 38 Non-Linear Graphs	8.F.3 8.F.3 8.F.3 8.F.5 8.F.5 8.F.5
Use functions to model relationships between quantities			21 Slope Intercept, 38 Non-Linear Graphs, 39 Model Linear Functions	8.F.4 8.F.3 8.F.4
Geometry				
Scale drawings		42 Scale Drawings		7.G.1
Angle, measure, area, surface area, and volume problems		45 Circles, 46 Angles, 47 Solid Figures		7.G.4 7.G.5 7.G.6
Congruence and similarity			46 Congruent Figures, 48 Similar Figures, 49 Triangle Arguments	8.G.2 8.G.4 -----
Pythagorean Theorem			51 Pythagorean Problems, 52 Pythagorean Distance	8.G.7 8.G.8



Math +6, 7-8 CCRS Level D Alignment Page 3 of 3

College & Career Readiness Standards

Standard	Math 6 Lessons	Math 7 Lessons	Math 8 Lessons	TABE Level D Standards
Statistics and Probability				
Summarize and describe distributions	51 Statistics Basics			6.SP.5
Random sampling		50 Sample Populations, 51 Sample Inferences		7.SP.2 7.SP.2
Comparative inferences about two populations		52 Distribution Overlap, 53 Distribution Inferences		7.SP.4 7.SP.4
Probability models		54 Probability Basics, 55 Probability Data, 56 Probability Model Uniform, 57 Probability Model Non Uniform, 58 Compound Events, 59 Tables, Tree Diagrams		7.SP.5 7.SP.5 7.SP.7 7.SP.7 7.SP.8 7.SP.8
Bivariate data			54 Scatterplots, 55 Scatterplots Create, 56 Linear Fit, 57 Linear Model Problems, 58 Two-Way Tables	8.SP.1 8.SP.1 8.SP.2 8.SP.3 8.SP.4



Math 7-8 Algebra CCRS Level E Alignment Page 1 of 2

College & Career Readiness Standards

Standard	Math 7 Lessons	Math 8 Lessons	Algebra Lessons	TABE Level A Standards
Number and Quantity: The Real Number System				
Rational exponents		3 Exponent Rules	3 Exponent Rules 55 Radical Expressions	N.RN.2 N.RN.2
Number and Quantity: Quantities				
Quantitative reasoning and use units	33 Unit Rates 7	28 Slope Unit Rate	26 Rate Problems	N.Q.1
Algebra: Seeing Structure in Expressions				
Interpret the structure of expressions	14 Algebra Terms Language, 16 Order of Operations, 18 Add Like Terms, 19 Distributive Property, 20 Commutative Associative, 21 Expressions Rational Coeff		1 Algebra Terms Language, 4 Add Like Terms, 5 Distributive Property, 6 Commutative Associative, 7 Order of Operations	A.SSE.1a A.SSE.1a A.SSE.1a A.SSE.1a A.SSE.1a A.SSE.1a
Write expressions in equivalent forms	22 Rewrite Expressions		12 Solve Equations	22-A.SSE.2, A.SSE.3a
Algebra: Arithmetic with Polynomials and Rational Expressions				
Perform arithmetic operations on polynomials			33 Polynomial Basics, 35 Add Polynomials, 36 Subtract Polynomials, 37 Multiply Polynomials, 38 Divide Monomials	A.APR.1 A.APR.1 A.APR.1 A.APR.1 -----
Rewrite rational expressions			47 Rational Expressions, 48 Rational Multiply Add	A.SSE.2 A.APR.1
Algebra: Creating Equations				
Create equations		39 Model Linear Functions	11 Translate Words Algebra, 13 Linear Equations	39-A.CED.3 11-A.CED.1 13-A.CED.2
Algebra: Reasoning with Equations and Inequalities				
Explain problem-solving reasoning		59 Performance Problem	59 Logic Validity	A.REI.1
Equations and inequalities in one variable	29 Solve Inequalities, 31 Inequalities Word Problems		12 Solve Equations	29-A.CED.1, A.REI.3 31-A.REI.3 12-A.CED.1, A.REI.3
Systems of equations		33 Systems Substitution, 34 Systems Problems	30 Solve systems Graphing 31 Systems Substitution 32 Systems Add Eliminate	A.REI.6 A.REI.6 A.REI.6
Graph equations and inequalities	30 Graph Inequalities		14 Graph by intercept 16 Slope of a Line 24 Graph Inequalities	14-A.REI.10 16-A.REI.10 -----



Math 7-8 Algebra CCRS Level E Alignment Page 2 of 2

College & Career Readiness Standards

Standard	Math 7 Lessons	Math 8 Lessons	Algebra Lessons	TABE Level A Standards
Functions: Interpreting Functions				
Function notation		36 Function Notation	28 Function Notation	F.IF.1
Interpret functions			54 Quadratic Word Problems	F.IF.8b
Different representations of functions		11 Relations Tables Graphs	10 Relations Tables Graphs	F.IF.4
Functions: Building Functions				
Build a function between two quantities		39 Model Linear Functions	54 Quadratic Word Problems	F.BF.1
Functions: Linear, Quadratic, and Exponential Models				
Linear, quadratic, and exponential models		11 Relations Tables Graphs	49 Quadratic Graphing, 50 Quadratic Factoring, 51 Quadratic Square Root, 52 Quad Complete Square, 53 Quadratic Formula, 54 Quadratic Word Problems, 57 Exponential Functions	11-F.LE.1c ----- ----- ----- ----- 54- F.LE.1c 57- F.LE.1c
Interpret expressions for functions		39 Model Linear Functions	13 Linear Equations 57 Exponential Functions	F.LE.5 F.LE.5
Geometry: Congruence				
Transformations in the plane		44 Symmetry & Transforms, 45 Symmetry Lab, 46 Congruent Figures, 47 Coordinate Symmetry		G.SRT.5 G,SRT.5 G.SRT.5, G.CO.1 ----
Geometry: Similarity, Right Triangles, and Trigonometry				
Prove theorems involving similarity				
Geometry: Geometric Measurement and Dimension				
Volume formulas		53 Solid Figures		G.GMD.3
Geometry: Modeling with Geometry				
Geometric concepts in modeling situations				
Statistics and Probability: Interpreting Categorical and Quantitative Data				
Single count or measurable variable	48 Distribution, 49 Summarize Data			S.ID.3 S.ID.3
Two categorical and quantitative variables		54 Scatterplots, 55 Scatterplots Create, 58 Two-Way Tables		S.ID.1 S.ID.1 S.ID.5
Interpret linear models		56 Linear Fit, 57 Linear Model Problems		S.ID.7 S.ID.7