Grade 4 Recording Summary © ORIGO Education

*> denotes working toward content in this Common Core Content Standard

**> denotes building on content in this Common Core Content Standard

Scoring Rubric:
4 Exceeds grade level standard. Producing quality work consistently

	Module 1					Module 2					
	Operations and Algebraic Thinking	Number and Operations in Base Ten			Measurement and Data	Operations and Algebraic Thinking	Number and Operations in Base Ten				Meas
	4.OA.5	4.NBT.2		4.NBT.3	2.MD.6>**	4.OA.3	>4.NBT.4*		4.NBT.4		4.M
Student Name	Identify pattern rules	Compare and order up to five-digit numbers	Represent numbers up to 99,999	Round five-digit numbers to the nearest ten, hundred, or thousand	Identify the position of five-digit numbers on a number line	Solve word problems involving addition	Estimate the sum of two- and three-digit numbers	Estimate the difference of two- and three-digit numbers	Add multiple addends	Use the standard algorithm to add up to five-digit numbers (with and without regrouping)	Calculate elapsed time in seconds

		Module 3									Module 4					
urement and Data		Operations and Algebraic Thinking				Number and Operations in Base Ten			Number and Operations – Fractions		Operations and Algebraic Thinking		Number and Operations in Base Ten			
D.1	4.MD.2	4.OA.3	4.OA.4			4.NBT.5			4.NF.1	4.NF.2	4.OA.3		4.NBT.1	4.NBT.4	4.NBT.5	4.NBT
Convert hours to minutes	Solve word problems involving time	Solve word problems involving multiplication	Identify factors of one- and two-digit numbers	Identify multiples of one- and two-digit numbers	Identify prime and composite numbers up to 100	Multiply three one-digit numbers	Use strategies to multiply one- by two-digit numbers	Use the associative and commutative properties of multiplication	Identify equivalent fractions less than, equal to, and greater than 1 (length and number line models)	Compare common fractions less than, equal to, or greater than 1 (length and number line models)	Solve word problems involving subtraction	Solve word problems involving division	Use patterns to multiply and divide numbers involving multiples of 10	Use the standard algorithm to subtract up to five-digit numbers from up to five-digit numbers (with regrouping)	Use patterns to multiply one-digit numbers by multiples of 10	Use patterns to divide multiples of 10 by one-digit numbers

	Module 5																					
	Operations and Algebraic Thinking	Number and Operations – Fractions							Measurement and Data						Geometry			Operations and Algebraic Th			
.6	4.OA.4	4.NF.1	4.NF.2	4.NF.3	4.NF.3a	4.NF.3b	4.NF.3	4.NF.3d	4.MD.2	4.MD.5	4.MD.5a	4.MD.5b	4.MD.6	4.MD.7	4.G.1	4.G.2	4.G.3	4.OA.1		4.OA.1>*	
Use a strategy (think multiplication and partial quotients) to divide two-digit numbers by one-digit numbers	Identify common multiples	Identify equivalent fractions	Compare fractions with related or unrelated denominators	Add common fractions for totals less than or greater than 1 (area and number line models)			Solve word problems involving fractions		Solve word problems involving fractions	Use a protractor to measure angles				Calculate unknown angles	Draw angles	Identify acute, right, and obtuse angles and triangles		Identify comparisons involving addition or multiplication	Represent multiplication (comparison model)	Identify comparisons involving subtraction or division	Represent division (comparison model)

Module 6										Module 7									
hinking		Number and Operations – Fractions							Measurement and Data	Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations – Fractions						Measurement and Data	
4.OA.2		4.NF.2	4.NF.3	4.NF.3b	4.NF.3	4.NF.3c	4.NF.3	4.NF.3d	4.MD.2	4.OA.3	4.NBT.5	4.NF.3	4.NF.3a	4.NF.3	4.NF.3c	4.NF.3	4.NF.3d	4.MD.2	
Solve word problems involving multiplication	Solve word problems involving division	Identify equivalent mixed numbers and common fractions	Represent mixed numbers (area model)		Add mixed numbers (with and without regrouping)		Solve word problems involving fractions		Solve word problems involving fractions	Solve word problems involving multiplication	Use a strategy (partial products) to multiply up to four-digit numbers	Subtract common fractions less than or greater than 1 (number line model)		Subtract mixed numbers (with and without regrouping)		Solve word problems involving fractions		Solve word problems involving multiplication	Solve word problems involving fractions

Module 8										Modul						
Operations and Algebraic Thinking	Number and Operations in Base Ten					Measurement and Data				Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations – Fractions				
4.OA.3	4.NBT.1		4.NBT.2		4.NBT.3	2.MD.6>**	4.MD.1		4.MD.2	4.OA.3	4.NBT.5	4.NF.4; 4.NF.4 a; 4.NF.4b		4.NF.4	4.NF.4c	4.M
Solve word problems involving metric units of length	Count on 1, 10, 100, 1,000, 10,000, and 100,000 from five- and six-digit numbers for totals up to 999,999	Represent six-digit numbers up to 999,999	Compare six-digit numbers	Represent six-digit numbers up to 999,999	Round six-digit numbers to the nearest hundred, thousand, ten thousand, and hundred thousand	Identify the position of six-digit numbers on a number line	Convert larger units to smaller metric units of length	Use millimeters to measure length	Solve word problems involving metric units of length	Solve word problems involving customary units of length	Multiply one- and two-digit numbers by up to two-digit numbers	Multiply common fractions less or greater than 1 by a whole number (area and number line models)	Multiply mixed numbers by a whole number (area model)	Solve word problems involving fractions		Estimate and measure length using miles, yards, feet, and inches

le 9							Module 10									
Measurement and Data							Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data		Geometry					Operati Algebraic
D.1	4.MD.2		4.MD.3			4.MD.4	4.OA.3	4.NBT.6	4.MD.2	4.MD.5	4.G.1		4.G.2	4.G.3		4.O
Convert larger units to smaller customary units of length	Solve word problems involving fractions	Solve word problems involving customary units of length	Calculate area of rectangles	Calculate area of rectilinear shapes	Calculate perimeter of rectangles	Create, describe, and interpret line plots	Solve word problems involving division	Use a strategy (partial quotients) to divide up to four-digit numbers by one-digit numbers	Solve word problems involving division	Identify and draw points, lines, line segments, and rays	Identify and draw points, lines, line segments, and rays	Identify and draw parallel and perpendicular lines in 2D shapes	Identify and draw parallel and perpendicular lines in 2D shapes	Draw reflections of 2D shapes	Identify lines of symmetry in 2D shapes	Solve word problems involving metric units of mass

Module 11											Module 12									
ons and Thinking	Number and Operations – Fractions				Measurement and Data						Operations and Algebraic Thinking		Number and Operations – Fractions					Measure		
A.3	4.NF.1	4.NF.5	4.NF.6	4.NF.7	4.MD.1				4.MD.2		4.OA.3		4.NF.1	4.NF.5	4.NF.6		4.NF.7	4.MD.1		
Solve word problems involving metric units of liquid volume	Identify equivalent common fractions (area model)		Represent decimal fractions (area and number line models)	Compare decimal fractions to hundredths	Estimate and measure mass in kilograms and grams	Convert kilograms to grams	Estimate and measure liquid volume using liters and milliliters	Convert liters to milliliters	Solve word problems involving metric units of mass	Solve word problems involving metric units of liquid volume	Solve word problems involving customary units of liquid volume	Solve word problems involving customary units of mass	Write common fractions as decimal fractions	Add decimal fractions (without regrouping)	Write common fractions as decimal fractions	Represent decimal fractions (number line model)	Compare decimal fractions to hundredths	Estimate and measure mass using pounds and ounces	Convert pounds to ounces	Estimate liquid volume using gallons, quarts, pints, and fluid ounces

ement and Data			
	4.MD.2		
Convert larger units to smaller customsary units of liquid volume	Solve word problems involving fractions	Solve word problems involving customary units of liquid volume	Solve word problems involving customary units of mass