Below are the key skills that students should possess by the end of the first semester of 5th Grade. They are based on the Common Core State Standards and are written in student-friendly terms. The learning targets are grouped by unit of study, and the corresponding state standards and textbook resources are listed.

	#	Learning Target	CCSSM	Textbook Resource
Topic 1	1	*I can recognize multi-digit numbers with decimals to the thousandths.* • *The digit to the left is 10 times as much* • *The digit to the right is 1/10 as much*	***5.NBT.1***	
	2	*I can read and write decimals to the thousandths.* • *In standard form* • *In word form* • *In expanded form*	***5.NBT.3***	
	3	*I can compare and record decimals to thousandths using <, >, or =*	***5.NBT.3***	
Topic 2	4	*I can use my understanding of place value to round decimals to any place.*	***5NBT.4***	
	5	*I can add and subtract decimals to the hundredths.*	***5.NBT.7***	
Topic 3	6	*I can use place value patterns and exponents to compute products of whole numbers.*	***5.NBT.2***	
	7	*I can multiply a one digit number by a multi-digit number.*	***5.NBT.5***	
	8	*I can multiply a two digit number by a multi-digit number.*	***5.NBT.5***	
Topic 4	9	*I can find whole-number quotients of whole numbers with up to four digit dividends and one digit divisors.*	***5.NBT.6***	
	10	*I can use several strategies to solve division problems:* • *Place value* • *Properties of operations* • *Relationship between multiplication and division*	***5.NBT.6***	
	11	*I can illustrate and explain division using:* • *Equations* • *Arrays* • *Area models*	***5.NBT.6***	
Topic 5	12	*I can find whole-number quotients of whole numbers with up to four digit dividends and two digit divisors.*	***5.NBT.6***	
	13	*I can use several strategies to solve division problems:* • *Place value* • *Properties of operations* • *Relationship between multiplication and division*	***5.NBT.6***	
	14	*I can illustrate and explain division using:* • *Equations* • *Arrays* • *Area models*	***5.NBT.6***	
Topic 6	15	*I can estimate products of decimals.*	***5.NBT.7***	
	16	*I can explain the patterns for multiplying a decimal by a power of ten.*	***5.NBT.2***	
	17	*I can use concrete models and strategies to* • *multiply a whole number times a decimal.* • *multiply a decimal by a decimal.*	***5.NBT.7***	

Topic 7	**18**	*I can estimate quotient of decimals.*	***5.NBT.7***	
	19	*I can explain the patterns for dividing a decimal by a power of ten.*	***5.NBT.2***	
	20	*I can use concrete models and strategies to* • *divide a whole number by a decimal.* • *divide a decimal by a decimal.*	***5.NBT.7***	
Topic 8	**21**	*I can evaluate numerical expressions that include parenthesis, brackets, or braces.*	***5.OA.1***	
	22	*I can write simple expressions that record calculations with numbers.*	***5.OA.2***	
	23	*I can interpret numerical expressions without evaluating them.*	***5.OA.2***	
	24	*I can generate and compare two numerical patterns, using two rules.*	***5.OA.3***	
Topic 9	**25**	*I can add fractions with unlike denominators.*	***5.NF.1***	
	26	*I can subtract fractions with unlike denominators.*	***5.NF.1***	
	27	*I can solve word problems involving fractions.*	***5.NF.2***	
Topic 10	**28**	*I can add fractions and mixed numbers with unlike denominators.*	***5.NF.1***	
	29	*I can subtract fractions and mixed numbers with unlike denominators.*	***5.NF.1***	
	30	*I can solve word problems involving fractions and mixed numbers.*	***5.NF.2***	
Topic 11	**31**	*I can interpret a fraction as a division problem.*	***5.NF.3***	
	32	*I can multiply two fractions, a fraction and a whole number, and mixed numbers.*	***5.NF.4***	
	33	*I can divide two fractions, a fraction and a whole number, and mixed numbers.*	***5.NF.7***	
	34	*I can solve real world problems involving multiplication and division of fractions.*	***5.NF.6-7***	
Topic 12	**35**	*I can recognize and name the attributes of a solid.*	***5.MD.3***	
	36	*I can measure volume by counting unit cubes.*	***5.MD.4***	
	37	*I can apply formulas to solve problems involving volume of right rectangular prisms.*	***5.MD.5***	
Topic 13	**38**	*I can convert among different-sized standard measurement units within a given measurement system.*	***5.MD.1***	
	39	*I can use measurement conversions to solve multi-step, real world problems.*	***5.MD.1***	
Topic 14	**40**	*I can make a line plot to display a data set of measurements in fractions of a unit.*	***5.MD.2***	
	41	*I can interpret coordinate values of points on a graph.*	***5.G.2***	
Topic 15	**42**	*I can identify a two-dimensional figure by its attributes.*	***5.G.3***	
	43	*I can classify two-dimensional figures based on their properties.*	***5.G.4***	
Topic 16	**44**	*I can identify the parts of a coordinate plane.*	***5.G.1***	
	45	*I can plot ordered pairs on a coordinate plane.*	***5.G.1***	
	46	*I can calculate the distance between two points on a coordinate plane.*	***5.G.1***	
	47	*I can interpret and represent real world and mathematical problems on a coordinate plane.*	***5.G.2***	