

Standards that Impact Student Achievement

Grade K	Counting and Cardinality				Operations and Algebraic Thinking			Numbers and Base Ten
	K.CC.2 Counting forward from any number.	K.CC.4: Relationship between number and quantity; connect counting and cardinality	K.CC.5: Count to answer "how many?" in various arrangements	K.CC.6: Comparing groups of items to identify greater than, less than, or equal to	K.OA.2: Solve +/- word problems and add and subtract within 10.	K.OA.3: Compose numbers up to 10 into pairs in more than one way.	K.OA.5: Fluently +/- within 5	K.NBT.1 Compose and decompose numbers 11 to 19 into tens and some ones.
Grade 1	Operations and Algebraic Thinking				Numbers and Base Ten			
	1.OA.1 Use +/- within 20 to solve problems.	1.OA.3 Properties to add and subtract	1.OA.4 Understand subtraction as a missing addend problem.	1.OA.6 +/- within 20, fluently to 10. Use strategies of counting on, making ten decomposing to a ten, properties, equivalent but easier problem.	1.NBT.2 Understand that a 2-digit numbers represents 10s and 1s.	1.NBT.4 Add within 100, 2 digit and 1-digit, and two-digit and multiple of 10 using models and strategies.		
Grade 2	Operations and Algebraic Thinking		Numbers and Base Ten				Measurement	
	2.OA.1 Use +/- within 100 to solve problems 1- and 2-step problems	2.OA.2 Fluently +/- within 20	2.NBT.1 Understand that a 3-digit numbers represents 100s, 10s and 1s.	2.NBT.5 Fluently +/- within 100 using strategies	2.NBT.7 +/- within 1000 using concrete models or drawings, properties and relate to written record.	2.MD.5 Use +/- within 100 to solve problems of length		
Grade 3	Operations and Algebraic Thinking		Numbers and Fractions		Measurement			
	3.OA.1/3.OA.2 Interpret products and interpret quotients	3.OA.7 Multiply and divide within 100	3.NF.1 Defining a fraction	3.NF.3 Equivalent fractions and comparing fractions	3.MD.2 Solve problems of mass and volume using all operations	3.MD.7 Concepts of area as it relates to multiplication and division.		
Grade 4	Numbers and Base Ten			Numbers and Fractions				
	4.NBT.4 Add and subtract to 100,000	4.NBT.5 Multiply 4-digit x 1-digit and 2-digit x 2-digit	4.NBT.6 Division including understanding remainders	4.NF.1 Equivalent fractions	4.NF.3 Addition and subtraction of fractions including word problems.	4.NF.4 Multiplication of fractions		
Grade 5	Numbers and Base Ten		Numbers and Fractions			Measurement		
	5.NBT.1 Powers of 10 and our place value system	5.NBT.6 Division up to 4-digit by 2-digit (equations, arrays, area model)	5.NF.2 Word problems involving addition and subtraction of fractions.	5.NF.3 Interpret a fraction as a division problem and solve problems leading to a fractional quotient	5.MD.5 Concept of volume			
Grade 6	Ratios and Proportions	Number Sense	Equations and Expressions			Statistics and Probability		
	6.RP.3 Use ratio and rate reasoning to solve real-world and mathematical problems	6.NS.5 Understand that positive and negative values are opposites and use to represent real-world context.	6.EE.2 Write, read, and evaluate expressions in which letters stand for numbers.	6.EE.3 and 4 Use properties of find equivalent expressions/Identify when two expressions are equivalent	6.EE.7/6.EE.8 Solve real-world problems by writing and solving equations: Write inequalities to represent a constraint or problem. Represent solutions on a number line.	6.SP.3 Understand what a measure of center vs a measure of variability		

NOTE: 6th Grade is a draft version.

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These standards are what could be thought of as hinge standards. It is a standard that several standards are building towards, or it is standard that many standards are dependent upon. The key here is that all of these standards are within clusters that are highly assessed in SBACC.