Grading Period: First Quarter

Approximate Time for Teaching Standards	Standard	Core Instructional Materials	Strategic Supplementary Materials	Assessment	
				Mat'ls	District

August 11 – Sept. 5 Weeks 1 - 2 – 3 – 4	1.0 Students identify and use the arithmetic properties of subsets of integers and rational, irrational, and real numbers, including closure properties for the four basic arithmetic operations where applicable
	
	Supporting CAHSEE Standards
	
	7 NS 1.0 Students know the properties of and compute with rational numbers expressed in a variety of forms.
	
	7NS 1.2 Add, subtract, multiply and divide rational numbers (integers, fractions and terminating decimals) and take positive rational numbers to whole number powers.
	
	7NS1.3 Convert fractions to decimals and use these representations in estimations computations and applications.
	
	7NS 1.4 Differentiate between rational and irrational numbers.
		Chapter 1
		   1-1 to 1- 3
			Focus on CA standards
			   - Intervention
			   - Know it Notebook
			   - Review for Mastery
			   - Chapter 1 Resource File
			
			Manipulative
				Test and Practice Generator	

May 2008

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Sept 8 – 19 Weeks 5 – 6	7NS 1.5 Know that every rational number is either a terminating or repeating decimal and be able to convert terminating decimals into rational fractions. 2.0* Students understand and use such operations as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. They understand and use the rules of exponents Supporting CAHSEE standards 7NS 2.0 Students use exponents, powers, and roots and use exponents in working with fractions: 7NS 2.1 Understand negative whole-number exponents. Multiply and divide expressions involving exponents with a common base. 7NS 2.2 Add and subtract fractions by using factoring to find common denominators. 7NS 2.3 Multiply, divide, and simplify rational numbers by using exponent rules.	Chapter 1 Sections 1-4 to 1-5	Chapter 1 Know it Notebook Intervention Workbook Chapter 1 Resource File	Assessment Resources Chapter 1 Quizzes and Tests Test and Practice Generator	

Approximate Time for Teaching Standards	Standard	Core Instructional Materials	Strategic Supplementary Materials	Assessment	
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	7NS 2.4 Use the inverse relationship between raising to a power and extracting the root of a perfect square integer; for an integer that is not square, determine without a calculator the two integers between which its square root lies and explain why.				
September 22 – Oct 3

Weeks 7-8 | 1.0 Students identify and use the arithmetic properties of subsets of integers and rational, irrational, and real numbers, including closure properties for the four basic arithmetic operations where applicable
   1.1Students use properties of numbers to demonstrate whether assertions are true or false | | | Assessment Resources Chapter 1 Quizzes and Tests

Test and Practice Generator | |
| Embedded in Curriculum Weeks 1-8 | 24.3 Students use counterexamples to show that an assertion is false and recognize that a single counterexample is sufficient to refute an assertion.

25.1 Students use properties of numbers to construct simple, valid arguments (direct and indirect) or formulate counterexamples to claimed assertions. | | | | |
| Oct. 6 - 10 | Review all standards | | | | District Benchmark Test |