| # of questions on CST | Learning Targets for the General Math CST | Standard | Pacing- UCLA Program Sections |
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| | **Quarter 1** | | |
| 2 | 1. Students will analyze data and describe it using statistical terms (e.g. mean, median, mode, and five number summary of data sets). | Gr7 SPDA 1.3 | 00 |
| | 2. Students will know all the factors of whole numbers from 1-50. | Gr7 NS 1.2 | 5.3 |
| | 3. Students will memorize common Pythagorean triples and how to form other triples using their multiples | Gr7 MG 3.3 | 24.1, 24.2 |
| | 4. Students will memorize the Pythagorean Theorem. | | |
| 3 | 5. Students will manipulate the Pythagorean Theorem to find a missing side of a right triangle situation. | | |
| | 6.  Students will recognize the Distributive, Associative, and Commutative Properties in an expression or equation. | Gr7 AF 1.2, 1.3 | 1.1 |
| 2 | 7.  Students will identify equivalent expressions using order of operations. | | 9.1, 25.3 |
| | **Quarter 2** | | |
| 2 | 1.  Students will analyze information and determine probabilities in multiple ways. | Gr6 SPDA 1.3 | 20.2 |
| 4 | 2.  Students will add, subtract, multiply, and divide Rational numbers. | Gr7 NS 1.2 | 8.1, 9.3, 10.3, 11.3, 12.2-3. 13.2-3, 17.2 |
| 4 | 3.  Students will change fractions, decimals, and percents from one form to another. | Gr7 NS 1.3 | 7.1, 8.1 |
| 7 | 4.  Students will use them (F, D, %) in problems involving discounts, markup, commission, profit, and simple interest. | Gr7 NS 1.3, 1.6, 1.7 | 18.3 |
| 2 | 5.  Students will memorize the difference between a terminating and a repeating decimal. | Gr7 NS 1.5 | 18.2 |
| 4 | 6.  Students will add and subtract fractions with unlike denominators. | Gr7 NS 2.2 | 9.2-3 |

| | **Quarter 3** | | |
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| 2 | 1. Students will solve problems using proportions. | Gr7 MG 1.3 | 17.1, 17.3, 20.1, 20.3 |
| | 2. Students will solve problems, including word problems involving scale factor and conversions. | Gr7 MG 1.4, 2.0 | Interest 18.2, Perimeter 26.2, Number 27.2, Distance 28.3 |
| 2 | 3. Students will memorize the exponent rules for multiplying and diving powers. | Gr7 NS 2.3 AF 2.1 | |
| 2 | 4. Students will order and compare absolute value expressions. | Gr7 NS 2.5 | 2.1, 8.2 |
| 3 | 5. Students will write an expression, equation, or inequality from a verbal description. | Gr7 AF 1.1 | |
| 1 | 6. Students will interpret a graph that shows the relationship between two quantities. | Gr7 AF 3.3 | 6.2 |
| 2 | 7. Students will identify the slope and y-intercept on graphs of linear equations. | Gr7 AF 3.4 | 29.1, 29.2, 30.2-3, 32.1 |
| 4 | 8. Students will solve simple linear equations and inequalities using rational numbers. | Gr7 AF 4.1, 4.2 | 26.1, 27.1, 27.3, 28.1 |
| | **Quarter 4** | | |
| 1 | 1. Students will read and comprehend a data table. | Gr6 SPDA 2.5, 3.1 | |
| | 2. CST Review | | |
| | 3. Students will understand opposites, reciprocals, and roots. | Gr7 NS 2.1 , and Alg. 2.0 | |
| | 4. Students will simplify expressions using distributive property and combining like terms. | Alg. 4.0 | 26.3 |
| | 5. Students will use algebraic techniques to solve word problems. | Alg. 5.0 | 28.2-3 |

Other recommended material; CGP course 1 and 2, and Grade 6, 7 and CAHSEE released test questions.