

California Report for Teachers

The purpose of this report is to make the results of last year's California Standards Test (CST) useful for your instruction by addressing three questions:

- How did last year's students perform on the CST?
- How did each group of students perform?
- What additional resources are available?

JACK O'CONNELL
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION

GROUP REPORT 141455
MARY ANNE SMITH 0102030405

Test: **2008 CST for Grade 6 Mathematics**
School: **California Middle School**
School Code: **9999999**
District: **California Unified**
CD Code: **9999999**



This report shall not be used for any form of teacher evaluation.
This report is based on CST data posted as of September 2008.

How did last year's students perform on the CST?

Your group's results by reporting cluster on the 2008 CST for Grade 6 Mathematics (40 students)

REPORTING CLUSTER	NUMBER OF ITEMS	MEAN PERCENT CORRECT				PROFICIENT RANGE	YOUR STUDENTS' PERCENT CORRECT (◆) COMPARED TO PERCENT CORRECT RANGE OF PROFICIENT STUDENTS (■)*
		STATEWIDE STUDENTS	DISTRICT STUDENTS	YOUR STUDENTS	PROFICIENT RANGE		
Ratios, Proportions, Percentages, Neg. Fractions	15	56%	49%	47%	60-83%	◆ 47% [60-83%]	
Operations and Problem Solving with Fractions	10	64%	55%	50%	70-88%	◆ 50% [70-88%]	
Algebra and Functions	19	66%	57%	56%	74-88%	◆ 56% [74-88%]	
Measurement and Geometry	10	53%	45%	37%	55-79%	◆ 37% [55-79%]	
Statistics, Data Analysis, and Probability	11	53%	47%	37%	57-77%	◆ 37% [57-77%]	

Cluster scores based on fewer than 10 items and group statistics based on fewer than 10 students are unreliable and should be interpreted with caution.
* The state goal is for all students to score Proficient or above. The diamonds (◆) show the mean percent correct for your students on each reporting cluster. The bars show the percent correct range for students statewide whose total Mathematics score was between the lowest score for Proficient and the lowest score for Advanced.
Note: For charter schools that tested independently rather than within a school district, school and district results are identical.

Overview of the reporting clusters

Number Sense

RATIOS, PROPORTIONS, PERCENTAGES, AND NEGATIVE FRACTIONS
Standard Set 1.0. Students compare and order positive and negative fractions, decimals, and mixed numbers. Students solve problems involving fractions, ratios, proportions, and percentages.

OPERATIONS AND PROBLEM SOLVING INCLUDING FRACTIONS
Standard Set 2.0. Students calculate and solve problems involving addition, subtraction, multiplication, and division.

Algebra and Functions

Standard Sets 1.0, 2.0, and 3.0. Students write verbal expressions and sentences as algebraic expressions and equations; they evaluate algebraic expressions, solve simple linear equations, and graph and interpret their results. Students analyze and use tables, graphs, and rules to solve problems involving rates and proportions. Students investigate geometric patterns and describe them algebraically.

Measurement and Geometry

Standard Sets 1.0 and 2.0. Students deepen their understanding of the measurement of plane and solid shapes and use this understanding to solve problems....identify and describe the properties of two-dimensional figures.

Statistics, Data Analysis, and Probability

Standard Sets 1.0, 2.0, and 3.0. Students compute and analyze statistical measurements for data sets. Students use data samples of a population and describe the characteristics and limitations of the samples. Students determine theoretical and experimental probabilities and use these to make predictions about compound events.

Focus on a selected reporting cluster

One reporting cluster to focus on is **Algebra and Functions**. This reporting cluster includes the following assessed standards:

- 1.1 Write and solve one-step linear equations in one variable.
- 1.2 Write and evaluate an algebraic expression for a given situation, using up to three variables.
- 1.3 Apply algebraic order of operations and the commutative, associative, and distributive properties to evaluate expressions; and justify each step in the process.
- 1.4 Solve problems manually by using the correct order of operations or by using a scientific calculator.
- 2.1 Convert one unit of measurement to another (e.g., from feet to miles, from centimeters to inches).
- 2.2 Demonstrate an understanding that *rate* is a measure of one quantity per unit value of another quantity.

This reporting cluster also includes standards 2.3, 3.1, and 3.2.

The complete California Standards may be viewed and downloaded (without charge) at www.cde.ca.gov/be/st/ss or purchased by calling CDE Press at 1-800-995-4099.

NOTE: This report is based on data as of September 2008. Please use your instructional program's assessments to determine the current needs of your students.

How did each group of students perform?

Your school's results by performance standard on the 2008 CST for Grade 6 Mathematics

PERFORMANCE STANDARDS (SCALE SCORES)	ALL	WHITE	BLACK	HISPANIC	ASIAN	FILIPINO	PACIFIC ISLANDER	AMERICAN INDIAN	OTHER	ENGLISH LEARNER	ECONOMICALLY DISADVANTAGED	RECEIVING SPECIAL ED.	MALE	FEMALE
Advanced (\geq 415)	24%	26%	12%	11%	43%	39%	-	0%	-	8%	15%	9%	27%	21%
Proficient (350-414)	35%	40%	36%	31%	36%	37%	-	100%	-	3%	31%	16%	33%	38%
Basic (300-349)	22%	21%	30%	28%	14%	16%	-	0%	-	26%	28%	11%	21%	24%
Below Basic (253-299)	15%	11%	19%	25%	7%	8%	-	0%	-	49%	23%	49%	15%	15%
Far Below Basic (\leq 252)	3%	3%	5%	5%	1%	0%	-	0%	-	15%	3%	16%	4%	2%
Total Number of Students	728	238	44	246	169	38	0	1	0	39	290	45	391	335

Percentages might not total 100 due to rounding.

Percent of students at or above Proficient on the 2007 and 2008 CST for Grade 6 Mathematics

	ALL	WHITE	BLACK	HISPANIC	ASIAN	FILIPINO	PACIFIC ISLANDER	AMERICAN INDIAN	OTHER	ENGLISH LEARNER	ECONOMICALLY DISADVANTAGED	RECEIVING SPECIAL ED.	MALE	FEMALE
Your School: 2007	86%	74%	47%	50%	78%	73%	83%	80%	-	20%	58%	35%	65%	67%
2008	80%	86%	47%	42%	78%	78%	-	100%	-	10%	48%	24%	80%	80%
District: 2007	27%	59%	17%	22%	70%	56%	35%	34%	8%	7%	23%	5%	27%	27%
2008	26%	56%	16%	21%	70%	56%	32%	29%	10%	5%	22%	5%	27%	25%
State: 2007	42%	59%	24%	28%	72%	59%	38%	35%	45%	14%	28%	13%	42%	41%
2008	42%	58%	24%	29%	72%	59%	39%	34%	47%	14%	28%	12%	42%	41%

N/A = Data not available. "OTHER" includes students whose ethnicity is not listed and those who declined to state their ethnicities. A dash (-) indicates no students in this group. Note: For charter schools that tested independently rather than within a school district, school and district results are identical.

What are performance standards and scale scores?

Performance standards are reported in five performance levels that range from Far Below Basic to Advanced. The state goal is for all California students to score at the Proficient level or above.

Performance standards are based on scale scores. Scale scores take into account differences in the difficulty of test forms and are useful for reporting changes over time. A scale score of 350 (Proficient) in 2007 is comparable to a scale score of 350 in 2008, even though the number of correct responses needed to obtain a scale score of 350 may be different.

What additional resources are available?

About the Standards and Curriculum

- **Content Standards**
Adopted by the State Board of Education, the standards define what your students should know in each area. www.cde.ca.gov/be/st/ss
- **Curriculum Frameworks**
They show how the standards guide instruction and give guidelines for the selection of instructional programs. www.cde.ca.gov/be/st/fr

Call CDE Press at 1-800-995-4099 to purchase copies of these materials.

State-Approved Textbooks and Instructional Materials

The standards-aligned textbooks and instructional materials adopted by the State Board of Education were recommended by teachers and other members of the Curriculum Commission.

These resources help you integrate this information with your instruction by providing:

- Ongoing assessments to test your students throughout the year
- Activities for students at all levels to address the needs of advanced students, as well as students requiring additional instruction and practice.

Where can I find more information?

The approved materials and textbooks are listed on the Web at: www.cde.ca.gov/ci/cf/index.asp. Your district office and local Learning Resources Display Centers may also have a copy.

About Your School: The STAR Web site (<http://star.cde.ca.gov>)

- Results for both the Norm-Referenced Test and California Standards Test
- Grade level and schoolwide data
- Breakdowns by various categories
- Information about the STAR program

About Each Student: Reports with Individual Results



Your principal has STAR reports, such as individual Student Reports and Student Master Lists. In these reports, you can find each student's:

- California Standards Test results
- California Reading List Number
- Norm-Referenced Test results (Grades 3 and 7 only)