

## Kinder Content Standards – Math

Standard	CST	CHSEE	Framework Emphasis	Algebra Readiness	Essential Standards	Essential Standards		
						T1	T2	T3
<b>Number Sense</b>								
<b>1.0 Students understand the relationship between numbers and quantities (i.e., that a set of objects has the same number of objects in different situations regardless of its position or arrangement):</b>			★					
1.1 Compare two or more sets of objects (up to ten objects in each group) and identify which set is equal to, more than, or less than the other.				👍	✓	F		
1.2 Count, recognize, represent, name, and order a number of objects (up to 30). (T1 only to 10, Ts only to 20, End of Year to 30)				👍	✓	F	R	R
1.3 Know that the larger numbers describe sets with more objects in them than the smaller numbers have.				👍	✓		F	
<b>2.0 Students understand and describe simple additions and subtractions:</b>								
2.1 Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10).			★	👍	✓			F
<b>3.0 Students use estimation strategies in computation and problem solving that involve numbers that use the ones and tens places:</b>								
3.1 Recognize when an estimate is reasonable.								
<b>Algebra and Functions</b>								
<b>1.0 Students sort and classify objects:</b>								
1.1 Identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group (e.g., all these balls are green, those are red).			★	👍	✓	F		
<b>Measurement and Geometry</b>								
<b>1.0 Students understand the concept of time and units to measure it; they understand that objects have properties, such as length, weight, and capacity, and that comparisons may be made by referring to those properties:</b>			★					
1.1 Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g., note which object is shorter, longer, taller, lighter, heavier, or holds more).				👍	✓			F
1.2 Demonstrate an understanding of concepts of time (e.g., morning, afternoon, evening, today, yesterday, tomorrow, week, year) and tools that measure time (e.g., clock, calendar).					✓		F	
1.3 Name the days of the week.								
1.4 Identify the time (to the nearest hour) of everyday events (e.g., lunch time is 12 o'clock; bedtime is 8 o'clock at night).					✓			F
<b>2.0 Students identify common objects in their environment and describe the geometric features:</b>								
2.1 Identify and describe common geometric objects (e.g., circle, triangle, square, rectangle, cube, sphere, cone).					✓			F

F = Focus Standard for Trimester  
R = Re-evaluate Standard

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2.2 Compare familiar plane and solid objects by common attributes (e.g., position, shape, size, roundness, number of corners).								
<b>Statistics, Data Analysis, and Probability</b>								
<b>1.0 Students collect information about objects and events in their environment:</b>								
1.1 Pose information questions; collect data; and record the results using objects, pictures, and picture graphs.				👍	✓		F	
1.2 Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.			★	👍	✓		F	
<b>Mathematical Reasoning</b>								
<b>1.0 Students make decisions about how to set up a problem:</b>								
1.1 Determine the approach, materials, and strategies to be used.				👍				
1.2 Use tools and strategies, such as manipulatives or sketches, to model problems.				👍				
<b>2.0 Students solve problems in reasonable ways and justify their reasoning:</b>								
2.1 Explain the reasoning used with concrete objects and/ or pictorial representations.				👍				
2.2 Make precise calculations and check the validity of the results in the context of the problem				👍				

\*\* Fractional values indicate rotated standards (e.g., 1/2 = rotated every two years)

\*\*\* Indicates total number for standard



Identifies the key standards according to Mathematics Framework for California Public Schools.



Identifies Algebra Readiness

First Benchmark Test = 20 question

Second Benchmark Test = 18 questions

Third Benchmark Test = 23 questions

F = Focus Standard for Trimester

R = Re-evaluate Standard

Revised June 2012

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