Table 1.8
Overview of the Alignment Between the Mathematics Domain and the Common Core State Standards

California Infant/Toddler Learning and Development Foundations	California Preschool Learning Foundations	Common Core State Standards Kindergarten
Cognitive Development	**Mathematics**	**Mathematics**
	Number Sense	**Counting and Cardinality**
	Children understand numbers and quantities in their everyday environment.	Know number names and the count sequence
		Count to tell the number of objects
		Compare numbers
Number Sense	Children understand number relationships and operations in their everyday environment.	**Operations and Algebraic Thinking**
		Understand addition as putting together and adding to, and subtraction as taking apart and taking from
		Number and Operations in Base Ten
		Work with numbers 11–19 to gain foundations for place value
	Algebra and Functions (Classification and Patterning)	**Measurement and Data**
Classification	Children sort and classify objects in their everyday environment.	Classify objects and count the number of objects in categories
Understanding of Personal Routine	Children recognize/expand understanding of simple repeating patterns.	

Table 1.9
Detailed View of the Alignment Between the Mathematics Domain and the Common Core State Standards

California Preschool Learning Foundations		Common Core State Standards Kindergarten
Domain: **Mathematics**		**Mathematics**
Strand: **Number Sense**		**Counting and Cardinality** **Operations and Algebraic Thinking** **Number and Operations in Base Ten**
At around 48 months	**At around 60 months**	**By the end of kindergarten**
1.0 Children begin to understand numbers and quantities in their everyday environment.	**1.0 Children expand their understanding of numbers and quantities in their everyday environment.**	**Counting and Cardinality** ▪ **Know number names and the count sequence.** ▪ **Count to tell the number of objects.**
1.1 Recite numbers in order to ten with increasing accuracy.	1.1 Recites numbers in order to twenty with increasing accuracy.	**Know number names and the count sequence.** 1. Count to 100 by ones and by tens. 2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).
1.2 Begin to recognize and name a few written numerals.	1.2 Recognize and know the name of some written numerals.	**Know number names and the count sequence.** 3. Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).
1.3 Identify, without counting, the number of objects in a collection of up to three objects (i.e., subitize).	1.3 Identify without counting the number of objects in a collection of up to four objects (i.e., subitize).	