

**Primary Concepts®**  
**Think and Draw**  
**2850, 7010**

Primary Concepts' *Think and Draw* addresses the following Common Core State Standards for Mathematics.

<b>Common Core State Standards Grade K</b>	
<b>Operations and Algebraic Thinking</b>	
<b>Understand addition and subtraction.</b>	
<b>K.OA.A.1.</b> Represent addition and subtraction with objects, fingers, mental images, drawings <sup>1</sup> , sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.	
<b>K.OA.A.2.</b> Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.	
<b>Measurement and Data</b>	
<b>Classify objects and count the number of objects in a category.</b>	
<b>K.MD.B.3.</b> Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.	
<b>Geometry</b>	
<b>Identify and describe shapes.</b>	
<b>K.G.A.1.</b> Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as <i>above</i> , <i>below</i> , <i>beside</i> , <i>in front of</i> , <i>behind</i> , and <i>next to</i> .	
<b>K.G.A.2.</b> Correctly name shapes regardless of their orientations or overall size.	

<b>Common Core State Standards Grade 1</b>	
<b>Operations and Algebraic Thinking</b>	
<b>Represent and solve problems involving addition and subtraction.</b>	
<b>1.OA.A.1.</b> Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.	
<b>1.OA.A.2.</b> Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.	
<b>Number and Operations in Base Ten</b>	
<b>Use place value understanding and properties of operations to add and subtract.</b>	
<b>1.NBT.C.4.</b> Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.	
<b>1.NBT.C.5.</b> Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.	
<b>1.NBT.C.6.</b> Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.	

## Common Core State Standards Grade 2

### Operations and Algebraic Thinking

#### Represent and solve problems involving addition and subtraction.

**2.OA.A.1.** Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the **problem**.

#### Work with equal groups of objects to gain foundations for multiplication.

**2.OA.C.3.** Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.

**2.OA.C.4.** Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.

### Measurement and Data

#### Work with time and money.

**2.MD.C.8.** Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?