

# *Working with Two-Color Counters:* Correlation to the Common Core State Standards

<b>Standard</b>	<b>Activity</b>
<b>Grade 3</b>	
<b>Number &amp; Operations – Fractions (3.NF)</b>	
Develop understanding of fractions as numbers.	1.1, 1.2
<b>Grade 4</b>	
<b>Number &amp; Operations – Fractions (4.NF)</b>	
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	1.3, 1.4, 1.6, 1.8
<b>Grade 5</b>	
<b>Operations and Algebraic Thinking (5.OA)</b>	
Write and interpret numerical expressions.	5.1
Analyze patterns and relationships.	5.1
<b>Number &amp; Operations – Fractions (5.NF)</b>	
Use equivalent fractions as a strategy to add and subtract fractions.	1.7, 1.9
Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	1.4, 1.5
<b>Grade 6</b>	
<b>The Number System (6.NS)</b>	
Apply and extend previous understandings of numbers to the system of rational numbers.	2.1, 2.2, 2.3
<b>Expressions and Equations (6.EE)</b>	
Apply and extend previous understandings of arithmetic to algebraic expressions.	3.1
Reason about and solve one-variable equations and inequalities.	3.1
Represent and analyze quantitative relationships between dependent and independent variables.	5.1

<b>Grade 7</b>	
<b>The Number System (7.NS)</b>	
Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.	2.4, 2.5, 2.6
<b>Expressions and Equations (7.EE)</b>	
Solve real-life and mathematical problems using numerical and algebraic expressions and equations.	5.1
<b>Statistics and Probability (7.SP)</b>	
Investigate chance processes and develop, use, and evaluate probability models.	4.1
<b>Grade 8</b>	
<b>Statistics and Probability (8.SP)</b>	
Investigate patterns of association in bivariate data.	5.1

