

Common Core Mathematics Standards – Cluster Heading Matrix

Trifold – Grades 1, 2, 3

Domain	Grade 1	Grade 2	Grade 3
Counting and Cardinality			
Operations and Algebraic Thinking	<ul style="list-style-type: none"> Represent and solve problems involving addition and subtraction. Understand and apply properties of operations and the relationship between addition and subtraction. Add and subtract within 20. Work with addition and subtraction equations. 	<ul style="list-style-type: none"> Represent and solve problems involving addition and subtraction. Add and subtract within 20. Work with equal groups of objects to gain foundations for multiplication. 	<ul style="list-style-type: none"> Represent and solve problems involving multiplication and division. Understand properties of multiplication and the relationship between multiplication and division. Multiply and divide within 100. Solve problems involving the four operations, and identify and explain patterns in arithmetic.
Number and Operations in Base Ten	<ul style="list-style-type: none"> Extend the counting sequence. Understand place value. Use place value understanding and properties of operations to add and subtract. 	<ul style="list-style-type: none"> Understand place value. Use place value understanding and properties of operations to add and subtract. 	<ul style="list-style-type: none"> Use place value understanding and properties of operations to perform multi-digit arithmetic.
Number and Operations—Fractions			<ul style="list-style-type: none"> Develop understanding of fractions as numbers.
Measurement and Data	<ul style="list-style-type: none"> Measure lengths indirectly and by iterating length units. Tell and write time. Represent and interpret data. 	<ul style="list-style-type: none"> Measure and estimate lengths in standard units. Relate addition and subtraction to length. Work with time and money. Represent and interpret data. 	<ul style="list-style-type: none"> Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. Represent and interpret data. Geometric measurement: understand concepts of area and relate area to multiplication and to addition. Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.
Ratios and Proportional Relationships			
The Number System			
Expressions and Equations			
Functions			
Geometry	<ul style="list-style-type: none"> Reason with shapes and their attributes. 	<ul style="list-style-type: none"> Reason with shapes and their attributes. 	<ul style="list-style-type: none"> Reason with shapes and their attributes.
Statistics and Probability			