



## Focus and Organization of the Standards for Mathematical Content

The mathematics content of the CCSSM builds across grades and provides important underpinnings for the mathematics to be learned at subsequent levels. The coherence of the CCSSM lies in those connections, both within and across grade levels and topics. The graphic below illustrates the second design principle of the CCSSM – **focus**.

	K	1	2	3	4	5	6	7	8	High School
Counting & Cardinality										
Number and Operations in Base Ten							Ratios and Proportional Relationships			Number & Quantity
Number and Operations — Fractions							The Number System			Algebra
Operations and Algebraic Thinking							Expressions and Equations			Algebra
								Functions		Functions
							Geometry			
Measurement and Data							Statistics and Probability			Statistics and Probability
										Modeling

At the early elementary grades, the focus is largely on the areas of number and operations in base ten and algebraic thinking. This expands to a focus on fractions later in elementary school. The K-5 mathematics content provides the groundwork for the study of ratios, proportional reasoning, the number system, expressions and equations, and functions at the middle school level. By providing a focused mathematics experience in elementary and middle school, a strong foundation is developed for the content to be learned at the high school level.