

The “Big” Ideas

The Most Crucial Topics Taught at Each Grade Span

Grades Pre K – 2	Grades 3 – 5	Grades 6 – 8	Grades 9 – 12
<ul style="list-style-type: none"> ▪ Number Conceptualization ▪ Conceptual Understanding of 2D space ▪ Identifying & Extending Patterns ▪ Interpreting & Communicating Data 	<ul style="list-style-type: none"> ▪ Multiplicative Reasoning ▪ Computational Fluency ▪ Equivalence (Including Measurement) ▪ Data Analysis ▪ Algebraic Reasoning 	<ul style="list-style-type: none"> ▪ Rational Numbers: Fractions, Decimals, Percents ▪ Geometry ▪ Data, Probability, & Statistics ▪ Functions & Rates of Change 	<ul style="list-style-type: none"> ▪ Number Sense ▪ Problems Solving / Applying Math Skills ▪ Communication & Representation

The “Big” Ideas Common Across all Grade Spans: Number Sense & Data Analysis/Representation

