Base Ten	22%
Fractions and Ratios	10%
Algebra	10%
Geometry	14%
Measurement	22%
Data Analysis	22%

Base Ten - 22%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Number and Operations: Base Ten	A, B, C	• Understand place value • Understand the place value system • Use place value understanding and properties of operations to add and subtract • Use place value understanding and properties of operations to perform multi-digit arithmetic • Perform operations with multi-digit whole numbers and with decimals to the hundredths
Number System	D	• Apply and extend previous understandings of numbers to the system of rational numbers
Fractions and Ratios - 10%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Number and Operations: Fractions	B, C	• Develop understanding of fractions as numbers • Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers • Apply and extend previous understanding of multiplication and division to multiply and divide fractions
Number System	D	• Understand ratio concepts and use ratio reasoning to solve problems • Analyze proportional relationships and use them to solve real-world and mathematical problems
Ratios and Proportional Relationships	C	• Understand ratio concepts and use ratio reasoning to solve problems

Algebra – 10%

CCRS Anchor	CCRS Levels	CCRS Descriptions
Operations and Algebraic Thinking	B	• Solve problems involving the four operations, and identify and explain patterns in arithmetic
Expressions and Equations	C, D	• Apply and extend previous understanding of arithmetic to algebraic expressions • Solve real-life and mathematical problems using numerical and algebraic expressions and equations

Geometry – 14%

CCRS Anchor	CCRS Levels	CCRS Descriptions
Geometry	B, C	• Reason with shapes and their attributes • Draw and identify lines and angles, and classify shapes by properties of their lines and angles • Graph points on the coordinate plane to solve real-world and mathematical problems

Measurement – 22%

CCRS Anchor	CCRS Levels	CCRS Descriptions
Measurement and Data	A, B, C	• Measure lengths indirectly and be iterating length units • Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects • Geometric measurement: understand concepts of area and relate to multiplication and addition • Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit • Convert like measurement units within a given measurement system

Data Analysis – 22%

CCRS Anchor	CCRS Levels	CCRS Descriptions
Measurement and Data	A, B	• Represent and interpret data
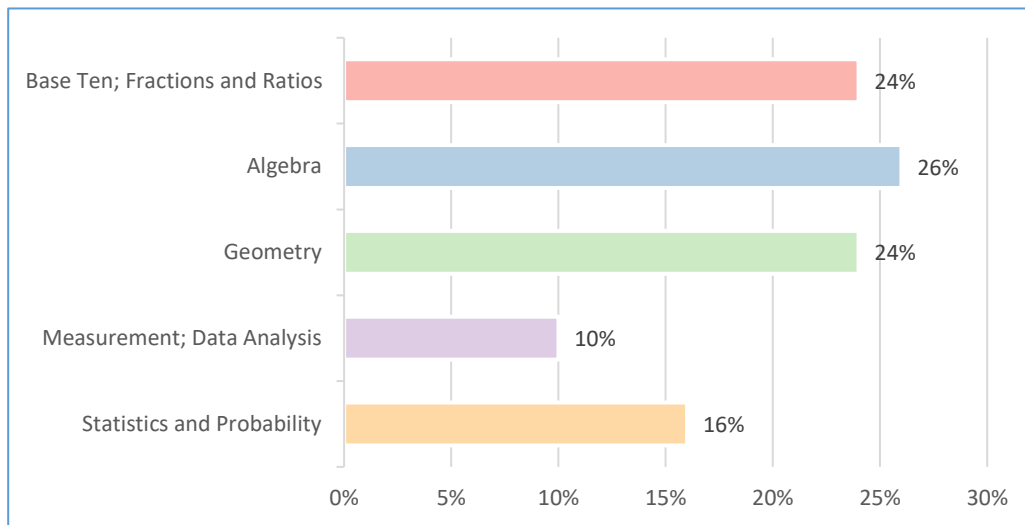
Base Ten; Fractions and Ratios - 24%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Number and Operations: Base Ten	C	• Use place value understanding and properties of operations to perform multi-digit arithmetic • Perform operations with multi-digit whole numbers and with decimals to the hundredths
Number System	D	• Understand ratio concepts and use ratio reasoning to solve problems • Analyze proportional relationships and use them to solve real-world and mathematical problems
Algebra – 26%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Operations and Algebraic Thinking	C	• Generate and analyze patterns • Write and interpret numerical expressions
Expressions and Equations	D	• Apply and extend previous understanding of arithmetic to algebraic expressions • Solve real-life and mathematical problems using numerical and algebraic expressions and equations
Functions	E	• Understand the concept of a function and use function notation

Geometry – 24%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Geometry	C, D	• Draw and identify lines and angles, and classify shapes by properties of their lines and angles • Graph points on the coordinate plane to solve real-world and mathematical problems • Draw, construct, and describe geometrical figures and describe the relationships between them • Solve real-life and mathematical problems involving angle, measure, area, surface area, and volume • Understand congruence and similarity using physical models, transparencies, or geometry software • Understand and apply the Pythagorean Theorem

Measurement; Data Analysis – 10%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Measurement and Data	B, C	• Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects • Geometric measurement: understand concepts of area and relate to multiplication and addition • Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures • Represent and interpret data

Statistics and Probability – 16%		
CCRS Anchor	**CCRS Levels**	**CCRS Descriptions**
Statistics and Probability	D, E	• Summarize and describe distributions • Investigate chance processes and develop, use, and evaluate probability models • Investigate patterns of association in bivariate data • Interpret linear models