Math instruction in Grade 3 is focused on 4 critical areas:

1. Developing an understanding of multiplication and division and strategies for multiplication and division within 100.
2. Developing an understanding of fractions, especially unit fractions.
3. Developing an understanding of the structure of rectangular arrays and of area
4. Describing and analyzing two-dimensional shapes.

By the end of the school year, a student should be able to:

Operations and Algebraic Thinking
● Represent and solve problem involving multiplication and division.
● Understand the commutative, associative, and distributive property of multiplication.
● Understand the relationship between multiplication and division.
● Multiply and divide within 100.
● Solve problems involving the 4 operations and identify and explain patterns in arithmetic.

Number and Operations in Base Ten
● Use place value understanding and properties of operations to perform multi-digit arithmetic.
● Develop an understanding of fractions as numbers.

Measurement and Data
● Solve problems involving measurement and estimations of intervals of time, liquid volumes, and masses of objects.
● Represent and interpret data.
● 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.

Geometry
● Reason with shapes and their attributes.