Focus Areas by Grade Level

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Counting & Cardinality | Operations & Algebraic Thinking\* | Number & Operations in Base Ten | Number & Operations in Fractions | Measurement & Data | Geometry |
| 5th |  | extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations | | developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); | developing understanding of volume |  |
| 4th |  | developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends | | developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers |  | understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry |
| 3rd |  | developing understanding of multiplication and division and strategies for multiplication and division within 100; (2) developing understanding of fractions, especially unit fractions (fractions with numerator 1)  developing understanding of the structure of rectangular arrays and of area | |  |  | describing and analyzing two-dimensional shapes |
| 2nd |  | extending understanding of base-ten notation building fluency with addition and subtraction | |  | using standard units of measure | describing and analyzing shapes |
| 1st |  | developing understanding of addition, subtraction, and strategies for addition and subtraction within 20  developing understanding of whole number relationships and place value, including grouping in tens and ones | |  | developing understanding of linear measurement and measuring lengths as iterating length units; | reasoning about attributes of, and composing and decomposing geometric shapes |
| K | representing and comparing whole numbers, initially with sets of objects |  | |  |  | describing shapes and space |

\*Number & Operations in Base Ten and Operations & Algebraic Thinking are not one domain, but often overlap when considering the main focus areas for the grade level as a whole.