|  |  |  |
| --- | --- | --- |
| **Year 3** | **Mathematics Core Knowledge Overview** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Times Tables** | | | | | | | | | | | | |
|  | |  | | |  | | | |  | | | |
| **Number Line** | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Four Operations** | | | | | | **Key Vocabulary - Definitions** | | | | | | |
| **Addition (+)** | | | **Subtraction (-)** | | | **Place Value –** the value of each digit in a number.  **Sum –** the value of two or more numbers when added.  **Multiple –** a number that can be divided evenly by a given number.  **Numerator –** the number above the line in a fraction.  **Denominator -** the number below the line in a fraction.  **Estimate –** Having an educated guess at what the answer might be.  **Inverse Operation –** to reverse the effect of an operation (i.e. addition and subtraction; multiplication and division). | | | | | | |
|  | | |  | | |
| **Multiplication (x)** | | | **Division (÷)** | | |
|  | | |  | | |
| **Tenths** | **Equivalent Fractions** | | | | | | | | | **Place Value** | | |
|  |  | | | | | | | | |  | | |
|  |
|  |
|  | **Adding and Subtracting Fractions** | | | | | | **Numbers to 1000** | | | | | |
| + = | | | - = | | | **0**  **1**  **2**  **3**  **4**  **5**  **6**  **7**  **8**  **9**  **10**  **11**  **12**  **13**  **14**  **15**  **16**  **17**  **18**  **19** | zero  one  two  three  four  five  six  seven  eight  nine  ten  eleven  twelve  thirteen  fourteen  fifteen  sixteen  seventeen  eighteen  nineteen | | | **20**  **30**  **40**  **50**  **60**  **70**  **80**  **90**  **100**  **200**  **300**  **400**  **500**  **600**  **700**  **800**  **900**  **1000** | twenty  thirty  forty  fifty  sixty  seventy  eighty  ninety  one hundred  two hundred  three hundred  four hundred  five hundred  six hundred  seven hundred  eight hundred  nine hundred  one thousand |
|  |
|  |
|  |
| **Time** | | | | | |
| hours hand  quarter past  minutes hand  half past  o’clock  quarter to | | | | | |
|  |
|  |
|  |