

| Course | Contents | Learning Goals |
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| Unit I | Whole Numbers | To have the understanding of whole numbers and concept of predecessor and successor. (Addition and subtraction using number line concept) |
| | | To have the understanding of division as repeated subtraction which also deals with the concept of division by zero (0) not applicable |
| | | To have the understanding of Commutative, Associative and Distributive property and their uses in whole numbers. |
| | | To be able to observe patterns to develop thinking and reasoning. |
| | Playing with Numbers | Formation of divisibility tests by examples of various numbers and their use. |
| | | To have the understanding of Prime and Composite numbers by activities. To be able to carry concrete operations with TLM/SLM |
| Unit II | Playing with Numbers | Understanding of factors and multiples, To have the concept of divisor and factor. |
| | | Understanding of Prime factorization, L.C.M and H.C.F. |
| | Integers | To have the understanding of integers using concept of temperature, buying and selling etc and their need. |
| | | Representation of Integers on the number line. |
| | | Addition and Subtraction of Integers with the help of number line with the help of concrete examples. |
| | Term I | Basic Geometrical Ideas |
| Parallel lines and non-parallel lines and their application. | | |
| Understanding of simple closed figures, sides, vertices and diagonals. | | |
| To have the understanding of Interior and exterior parts of different figures. | | |
| Understanding Elementary Shapes | | Understanding of concepts; corners, faces, edges and shapes. |
| | | Angles with their types |