

Karnataka Board Class 2 Maths Syllabus

Geometry

(15 hrs.)

Shapes & Spatial Understanding 3-D and 2-D Shapes

- Observes objects in the environment and gets a qualitative feel for their geometrical attributes such as roundness, edges, face, corner, vertex (apex).
- Identifies the basic 3-D shapes such as cuboid, cylinder, cone, sphere by their names.
- Identifies 2-D shapes viz., rectangle, square, triangle, circle by their names.
- Traces the 2-D outlines of 3-D objects.
- Observes and identifies these 2-D shapes.
- Describes in her own words the properties of these 2-D shapes.
- Identifies and makes straight lines by folding, straight edged objects, stretched strings and draws free hand and with a ruler.
- Draws horizontal, vertical and slant lines (free hand) and with a ruler.
- Distinguishes between straight and curved lines.
- Tries to identify 3D objects by observing their shadows.

Numbers

(60 hrs.)

- Reads and writes numerals 0 – 99
- Expands a number with respect to place values.
- Counts and regroups objects into tens and ones.
- Uses the concept of place value in the comparison of numbers.
- Counts in various ways:
 - Starting from any number.
 - Group counting etc.
- Arranges numbers up to hundred in ascending and descending order.

- Forms the greatest and the smallest two digit numbers with and without repetition of given digits.
- Pre number line.
- Addition and Subtraction
- Adds and subtracts two digit numbers by drawing representations of tens and ones without and with regrouping.
- Adds zero to a number and subtracts zero from a number.
- Observes the commulative property of addition through patterns.
- Solves addition, subtraction problems presented through pictures and verbal description.
- Describes orally the situations that correspond to the given addition and subtraction facts.
- Identifies addition and subtraction from a word problem.
- Estimates the result of addition and subtraction and compares the result with another given number.
- Performs operations like addition on a number line where the result does not exceed 9.
- Relates situations involving repeated addition to multiplication.
- Relates situations involving equal grouping to division.

Preparation for Multiplication & Division

- Discussion of situations involving repeated addition and situations involving equal sharing.
- Activities of making equal groups. Constructs multiplication tables of 1, 2 and 5.

Mental Arithmetic

- Adds and subtracts single digit numbers mentally.
- Adds and subtracts multiples of ten mentally

Money

(6 hrs.)

- Identifies currency - notes and coins.
- Puts together amounts of money not exceeding Rs 50/-.

- Adds and subtracts small amounts of money mentally.
- Acquaints the transaction of amount using 3-4 notes.

Measurement

(18 hrs.)

Length

- Distinguishes between near, far, thin, thick, longer/taller, shorter, high, low.
- Seriates objects by comparing their length.
- Measures short lengths in terms of non-uniform units (in the context of games e.g. 'Gilli Danda' and 'marble-games').
- Estimates distance and length, and verifies using non-uniform units (e.g. hand span etc.)

Weight

- Compares between heavy and light objects

Time

- Gets more familiar with the days of the week and months of the year and concretises.
- Gets a feel for cycline nature of seasons.
- Sequences the events occurring over longer periods in terms of dates/days.
- Familiarise with yesterday today and tomorrow.
- Gets familiar with a 12 page calendar and writes the week days and months (January to December)

Data Handling

(8 hrs.)

- Collects data through measurement.
- Represents the data followed by discussion sorting by colour and size.
- Draws inferences from the data at the appropriate level.

Patterns

(13 hrs.)

- Extends patterns in sequence of shapes and numbers.
- Searches for patterns in different ways of splitting a number.

- Creates block patterns by stamping thumbprints, leaf prints, vegetable prints, etc. Creates patterns of regular 2D shapes by stamping.

