



सत्यमेव जयते

Ministry of Education  
Government of India

# LAKSHYA/TARGETS FOR FOUNDATIONAL NUMERACY

Balvatika or Age 5-6



## Numeracy

1. Counts objects and correlates numerals up to 10.
2. Recognizes and reads numerals up to 10.
3. Compares two groups in terms of number of objects and uses words like more than/less than/equal to etc.
4. Arranges numbers/objects/shapes/occurrence of events in a sequence
5. Classifies objects based on their observable characteristics and communicates the criteria of classification
6. Uses vocabulary for comparative words like longer, longest, taller, tallest, shorter, shortest, heavier than, lighter than etc. in the context of different objects around him/her.







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# LAKSHYA/TARGETS FOR FOUNDATIONAL NUMERACY



Class I or age 6-7



## Numeracy

1. Counts objects up to 20
2. Reads and writes numbers up to 99
3. Using addition and subtraction of numbers up to 9 in daily life situations.
4. Observes and describes physical properties of 3D shapes (solid shapes) around him/her like round/flat surfaces, number of corners and edges etc.
5. Estimates and verifies length using non-standard non-uniform units like hand span, footstep, fingers etc. and capacity using non-standard uniform units like cup, spoon, mug etc.
6. Creates and recites short poems and stories using shapes and numbers







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# LAKSHYA/TARGETS FOR FOUNDATIONAL NUMERACY



Class II or age 7-8



## Numeracy

1. Reads and writes numbers up to 999
2. Uses addition and subtraction of numbers up to 99, sum not exceeding 99 in daily life situations.
3. Performs multiplication as repeated addition and division as equal distribution/sharing and constructs multiplication facts (tables) of 2, 3 and 4x
4. Estimates and measures length/distance/capacity using non-standard uniform units like rod, pencil, thread, cup, spoon, mug etc. and compares weight using simple balance
5. Identifies and describes 2-D shapes like rectangle, triangle, circle, oval etc.
6. Uses spatial vocabulary like far/near, in/out, above/below, left/right, front/behind, top/bottom etc.
7. Creates and solves simple riddles using numbers and shapes







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# LAKSHYA/TARGETS FOR FOUNDATIONAL NUMERACY



Class III or age 8-9



## Numeracy

1. Reads and writes numbers up to 9999
2. Solves daily life problems using addition and subtraction of numbers up to 999, sum not exceeding 999
3. Constructs and uses multiplication facts (tables) of numbers 2 to 10 and uses division facts
4. Estimates and measures length/distance, weight and capacity using standard units like m, km, g, kg, litres etc.
5. Identifies and relates basic 2D shapes with 3D shapes (solid shapes) and describes their properties like faces, number of edges and corners etc.
6. Identifies a particular date and corresponding day on a calendar; reads time on a clock in hours and half-hours
7. Identifies half, one-fourth, three-fourth of a whole and in a collection of objects
8. Identifies, extends, and communicates rules for simple patterns on numbers, events, and shapes

