

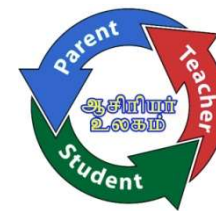
LEARNING OUTCOMES

STANDARD - 5

MATHS

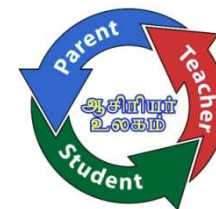
LEARNING OUTCOMES M5_01

Reads and writes numbers bigger than 1000 being used in her/his surroundings



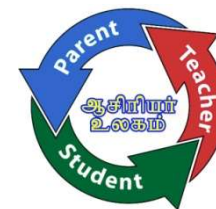
LEARNING OUTCOMES M5_02

Performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers



LEARNING OUTCOMES M5_03

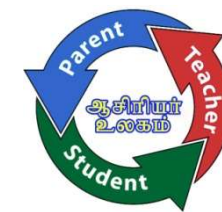
Divides a given number by another number using standard algorithms



LEARNING OUTCOMES M5_04

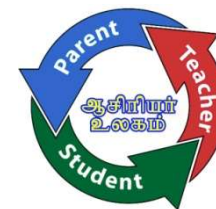
Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation.

For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients.



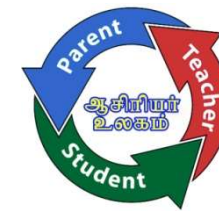
LEARNING OUTCOMES M5_05

Acquires understanding about fractions -- finds the number corresponding to part of a collection



LEARNING OUTCOMES M5_06

Identifies and forms equivalent fractions of a given fraction



LEARNING OUTCOMES MS_07

Expresses a given fraction $1/2$,
 $1/4$, $1/5$ in decimal notation and
vice-versa. For example, in using
units of length and money- half of
Rs. 10 is Rs.5



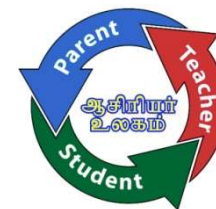
LEARNING OUTCOMES M5_08

Converts fractions into decimals
and vice versa



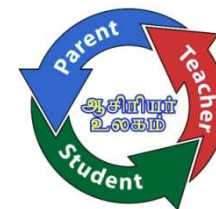
LEARNING OUTCOMES M5_09

Explores idea of angles and shapes
- classifies angles into right angle,
acute angle, obtuse angle and
represents the same by drawing
and tracing



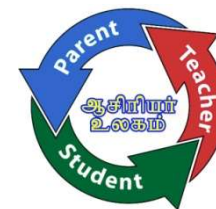
LEARNING OUTCOMES M5_10

Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes



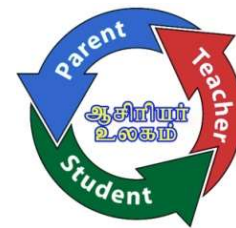
LEARNING OUTCOMES M5_11

Makes cube, cylinder and cone
using nets designed for this
purpose



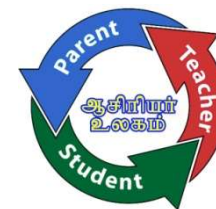
LEARNING OUTCOMES MS_12

Relates different commonly used
larger and smaller units of length,
weight and volume and converts
larger units to smaller units
and vice versa



LEARNING OUTCOMES M5_13

Estimates the volume of a solid body in known units like volume of a bucket is about 20 times that of a mug



LEARNING OUTCOMES M5_14

Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals



LEARNING OUTCOMES M5_15

Identifies the pattern in
triangular number and square
number



LEARNING OUTCOMES MS_16

Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it.

