

LEARNING OUTCOMES

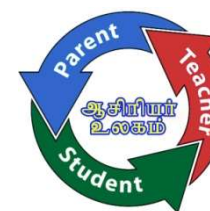
STANDARD - 4

MATHS

R.ELUMALAI , SGT , PANCHAYAT UNION MIDDLE SCHOOL – KAVANLOORPUDUCHERI ,
UTHIRAMERUR BLOCK , KANCHIPURAM DIST – 9751366565

LEARNING OUTCOMES M4_01

Multiplies 2 and 3 digit numbers



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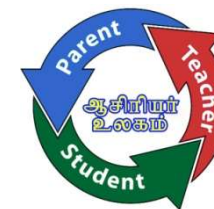
LEARNING OUTCOMES M4_02

Divides a number by another number using different methods like -
pictorially (by drawing dots), equal grouping or repeated subtraction and by using inter-relationship between division and multiplication



LEARNING OUTCOMES M4_03

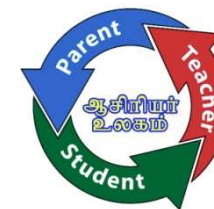
Creates and solves simple real life situations/ problems including money, length, mass and capacity by using the four operations



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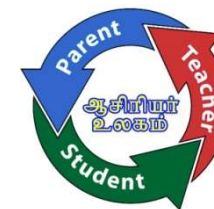
Works with fractions -- identifies half, one-fourth, three-fourths of a whole in a given picture by paper folding and also in a collection of objects.



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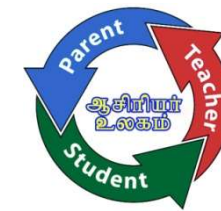
Represents the fractions as half, one fourth and three-fourths by using numbers/ numerals



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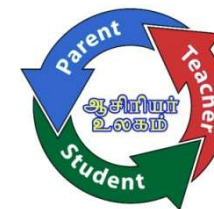
Shows the equivalence of a fraction with other fractions



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Identifies the centre, radius and diameter of the circle



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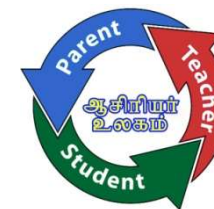
Finds out shapes that can be used
for tiling



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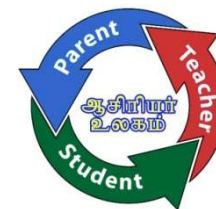
Makes cube/ cuboids using the
given nets



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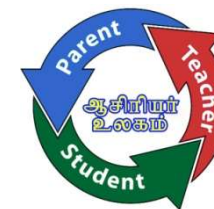
Shows through paper folding/
paper cutting, ink blots, etc. the
concept of symmetry by
reflection



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Draws top view, front view and side view of simple objects

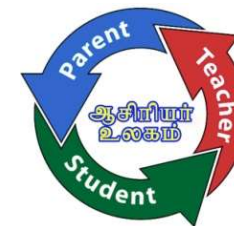


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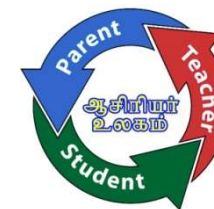
Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit.

For example, the number of books that can completely fill the top of a table.



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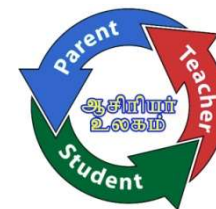
Converts metre into centimetre
and vice versa



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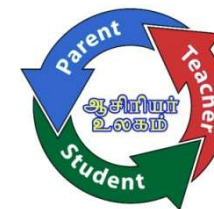
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Estimates the length of an object / distance between two locations, weight of various objects, volume of liquid, etc., and verifies them by actual measurement



LEARNING OUTCOMES M4_15

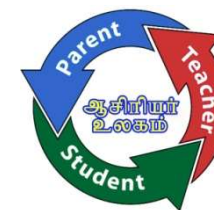
Solves problem involving daily life situations related to length, distance, weight, volume and time involving four basic arithmetic operations



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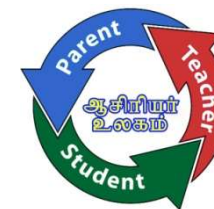
Reads clock time in hour and minutes and expresses the time in a.m. and p.m.



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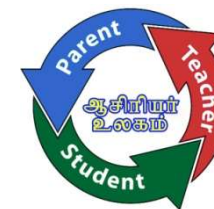
Relates to 24 hr clock with
respect to 12 hr clock



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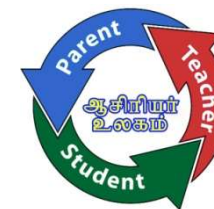
Calculates time intervals /
duration of familiar daily life
events by using forward or
backward counting / addition
and subtraction



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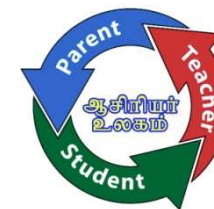
Identifies the pattern in multiplication and division (up to multiple of 9)



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LEARNING OUTCOMES M4_20

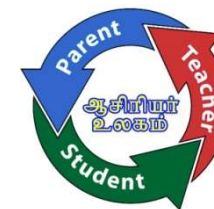
Observes, identifies and extends
geometrical patterns based on
symmetry



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Represents the collected information in tables and bar graphs and draws inferences from these



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