

KENDRIYA VIDYALAYA , CLRI ,CHENNAI

SUBJECT : MATHS

CLASS : IV

Month	No of working days/ No of Periods	Topic	Competency	Concept
APRIL	(17 DAYS) 20 Periods	BUILDING WITH BRICKS	<ul style="list-style-type: none"> ✓ UBC (5periods) ✓ FNC (5periods) ✓ PS (3 periods) ✓ AIC (7periods) 	<ul style="list-style-type: none"> ➤ Differentiate 2D and 3D shapes ➤ Understand the terms faces,edges and corners ➤ Numbers up to 1 lakh, procedecessor successor ➤ Estimate/calculate the number of bricks needed for a wall ➤ Calculate the amount needed for purchase of bricks
MAY (?)	1 ½ DAYS 7 DAYS	LONG AND SHORT	<ul style="list-style-type: none"> ✓ FNC (2 periods) ✓ UBC (1 Period) ✓ AIC (2 periods) ✓ PS (2periods) 	<ul style="list-style-type: none"> ➤ To understand the length of given objects ➤ Understand the various units of length ➤ To estimate the length of relative heights like, kite aeroplane etc. ➤ To convert units of length into another ➤ To solve real life problems based on length,distance
JUNE	7 PERIODS			
JULY	23 DAYS (25 periods) (15 periods)	A TRIP TO BHOPAL	<ul style="list-style-type: none"> ✓ Concept (5 pds) ✓ AIC (6 periods) ✓ PS (4 periods) 	<ul style="list-style-type: none"> ➤ Reasoning skill ➤ Four basic operations ➤ Calculations based on distance speed time and money ➤ Miscellaneous word problems
	23 DAYS (25 periods) 10 PERIODS	TICK-TICK-TICK	<ul style="list-style-type: none"> ✓ FNC (1 period) ✓ UBC (2 period) ✓ AIC (4 periods) ✓ PS (3 periods) 	<ul style="list-style-type: none"> ➤ To understand the sense and value of time ➤ To understand the life spans of animals ➤ To know the expiry and manufacturing date of medicines ➤ Concept of 12 hours and 24 hours clock time ➤ Difference between a.m. and p.m. ➤ To calculate the time duration between given time
AUGUST	21 DAYS/24PERIODS 5 PERIODS	THE WAY THE WORLD LOOKS	<ul style="list-style-type: none"> ✓ UBC (2 periods) ✓ PS (6 periods) 	<ul style="list-style-type: none"> ➤ To know the things they look from different distances, angles and sides ➤ To understand the direction and to make aware that directions are relative to one's position. ➤ To know about top, bottom and front view of an object

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AUGUST	21 DAYS/ 24PERIODS 10 PERIODS	THE JUNK SELLER	<ul style="list-style-type: none"> ✓ FNC (2 periods) ✓ UBC (2 periods) ✓ AIC (3 periods) ✓ PS (3 periods) 	<ul style="list-style-type: none"> ➤ To understand the importance of recycling waste materials ➤ To understand the money circulation in market ➤ To calculate the amount we get while selling junk ➤ To know the amount we spend while buying the same ➤ To calculate the extra money that a person gets during this trade
	21 DAYS/ 24PERIODS 6 PERIODS	JUGS AND MUGS	<ul style="list-style-type: none"> ✓ FNC (1period) ✓ UBC (2 periods) ✓ AIC (2 periods) ✓ PS (1period) 	<ul style="list-style-type: none"> ➤ To understand the concept of measuring liquids and their units ➤ To have the knowledge of things we gets in litres and millilitres ➤ To convert small units to large units and vice versa ➤ To find the quantity of water spent by individuals in a day ➤ To find the quantity of water that can be saved during rainy day
SEPTEMBER	10 DAYS 12 PERIODS	JUGS AND MUGS(Contd) REVISION AND SA1		
OCTOBER	14 days/15 periods	Carts and wheels HALVES AND QUARTERS	<ul style="list-style-type: none"> ✓ UBC (3 periods) ✓ AIC (3 periods) ✓ PS (4 periods) 	<ul style="list-style-type: none"> ➤ To understand the basic concept of halves and quarters ➤ To understand the concept of like and unlike fractions ➤ To understand the concept of proper and improper fractions ➤ To find the part of a collection ➤ To find the part of one whole ➤ To add /subtract the given two fractions ➤ Situational problems
NOVEMBER	17 days/ 20 periods 14 PERIODS	TABLES AND SHARES	<ul style="list-style-type: none"> ✓ FNC (3 periods) ✓ UBC (3 periods) ✓ AIC (4 periods) ✓ PS (4 periods) 	<ul style="list-style-type: none"> ➤ To understand a given multiplication as a repeated addition ➤ To understand the concept of multiplication related to the arrangement of things in an array ➤ To build new multiplication tables through logical thinking

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				<ul style="list-style-type: none"> ➤ To understand division as repeated subtraction ➤ Understand division as 'opposite of multiplication ➤ To understand and solve problems using multiplication and division facts
NOVEMBER	17 days/ 20 periods 6 PERIODS	PLAY WITH PATTERN	<ul style="list-style-type: none"> ✓ FNC (1 period) ✓ UBC (1 period) ✓ PS (2 p eriods) ✓ AIC (2 periods) 	<ul style="list-style-type: none"> ➤ To understand the need of rows and column ➤ To understand pattern with nature ➤ To understand pattern with numbers ➤ To understand pattern with cloth designs, floor designs etc., ➤ Concept of secret messages ➤ To complete the given pattern through logical thinking
DECEMBER	17 days/ 18 periods	HOW HEAVY? HOW LIGHT?	<ul style="list-style-type: none"> ✓ FNC (3 periods) ✓ UBC (5 periods) ✓ AIC (5 periods) ✓ PS (5periods) 	<ul style="list-style-type: none"> ➤ Knowledge of heavy and light weight things in day to day life ➤ Know the units of weight and different types of balance ➤ To find the weight of classmates ➤ To compare and find the heaviest and lightest person in the class ➤ To find the mass of the school bag with and without reader, books etc.,
JANUARY	18 days/ 20periods	FIELDS AND FENCES	<ul style="list-style-type: none"> ✓ FNC (3 periods) ✓ UBC (5 periods) ✓ AIC (5 periods) ✓ PS (5periods) 	<ul style="list-style-type: none"> ➤ To understand to concept of boundary and area ➤ To know about boundaries of regular and irregular shapes ➤ To estimate the boundaries by using threads ➤ differentiate between area and bounday ➤ Solve problems based on both
FEBRUARY	19 days/20 periods 15periods 5 periods	SMART CHARTS REVISION AND SA2	<ul style="list-style-type: none"> ✓ FNC (3 periods) ✓ UBC (5 periods) ✓ AIC (5 periods) ✓ PSA (2 periods) 	<ul style="list-style-type: none"> ➤ To understand the representation of the data in tabular form ➤ Represents the data in pictograph chart ➤ To collect data on different situations ➤ To tabulate the data for analysis ➤ To interpret the given data
MARCH		REVISION AND SA 2		