

S.D PUBLIC SCHOOL, PITAMPURA, NEW DELHI
ACADEMIC PLANNER SESSION 2022-23
CLASS- IV
SUBJECT- MATHEMATICS

MONTH	TOPIC	SDG COVERED/VALUE	ACTIVITY
APRIL (1-15) (10days)	U-1 Large Numbers	Sustainable cities	1. To explore and build 6-digit numbers 2. To understand large number using Dienes Blocks.
APRIL (16-30) (13days)			
MAY (1-15) (10days)	Unit-2 Addition	No Poverty	To reinforce the concept of addition of 5-digit numbers by regrouping using dice.
JULY (1-15) (12days)	Unit -3 Subtraction	Help old people	To learn estimation of numbers (concept of number mountain)
JULY (16-31) (13days)	Unit-4 Multiplication	Quality Education	Multiplication by using Russian multiplication method.
AUGUST (1-15) (9 days)	Unit-8 Geometry	No poverty	1. To find center of circle by paper folding and verify that the length of the radius is always the same. 2. To understand perimeter and area using geoboard.
AUGUST (16-31) (13 days)	Unit- 9 Measurement	Clean water	To measure capacity of water bottle.
SEPTEMBER (1-15) (12 days)	REVISION OF HALF YEARLY EXAM		
SEPTEMBER (16-30) (13 days)	HALF YEARLY EXAM		
OCTOBER (1-15) (8days)	Unit - 5 Division	Reduced inequalities	To practice division by multiples of

OCTOBER (16-31) (10 days)	Unit - 5 Division	Reduced inequalities	10 with remainder using grid sheet.
NOVEMBER (1-15) (11 days)	Unit - 12 Symmetry And Patterns	Value of preserving national heritage	1. To form symmetrical pattern using ink blot (Pg 175). 2. To understand symmetry using mirror.
NOVEMBER (16-30) (13 days)	Unit - 10 Time	Good Health And Well Being	To learn 24 hour clock system.
DECEMBER (1-15) (12 days)	Unit - 11 Money	Life on Land	To develop price sense among students for commonly available items.
DECEMBER (16-31) (14 days)	Unit - 6 Factors And Multiples	Value of saving	To understand factors of a number using counters.
JANUARY (15-31) (13 days)	Unit - 7 Fractions	Value of helping elders	To reiterate the concept of equivalent fractions with square fraction kit.
FEBRUARY (1-15) (12 days)	Unit- 13 Data Handling	Life on Land	To enable students to learn to collect data and represent the same using 10 x 10 grid sheet.

Syllabus for Examinations

Unit test 1	Unit 1
Unit Test 2	Unit 2 ,Unit 3
Half yearly	Unit 4 , Unit 8, Unit 9
Unit test 3	Unit 5 , Unit 12
Unit test 4	Unit 10 , Unit 11
Final Exams	Unit 6 , Unit 7, Unit 13