

Std: -8	VIP International School (CBSE CAMPUS) Yearly curriculum 2021-22			Sub:- Maths
Sr. No.	Month	Chapter No. & Name	Syllabus	Paper Style/Working Days
1	APRIL	1 Rational Numbers	Rational number, properties of Rational numbers , Multiplicative identity , Additive and multiplicative inverse of Rational numbers , rational number b/w two rational numbers, Comparison of rational number rational number as a fraction simplification of rational numbers.	17 WORKING DAYS
		2 Linear equation in one variable	Introduction , linear equation solving of linear equation .	
2	MAY	VACATION	3 <sup>RD</sup> MAY TO 7 <sup>TH</sup> JUNE	
3	JUNE	3 Understanding Quadrilaterals	Quadrilateral, Polygon , types of polygon , properties of Trapezium , Rectangle , RHOMBUS .	PT -1 (20 MARKS ) PAPER STYLE -MCQ,TRUE OR FALSE , FILL IN THE BLANKS 18 WORKING DAYS
		REVISION		
4	JULY	6 Squares and Square roots	Perfect square , Square root , Pythagorean triplet Square root by Prime Factorisation method and Division method	24 WORKING DAYS
		7 Cubes and Cube Roots	CUBE , Cube root , calculation of Cube root by using - unit digit, prime factors ,pattern ,word problems	
5	AUGUST	8 Comparing Quantities	Ratio , percentage , conversion to ratio from percentage and vice versa , Marked price , DISCOUNT , Net price , selling price , cost price , gain ,gain %,loss , loss% Amount, Principal, Rate , Based problems .	22 WORKING DAYS
		9 Algebraic Expression and identities	Monomial, Binomial, Trinomial, Polynomial , Like and Unlike terms , Addition ,multiplication of polynomials.	
6	SEPTEMBER	10 Visualising Solid Shapes	2-Dimensional and 3 - Dimensional shapes ,different shapes and their properties ,Euler's formula Polyhedrons	SA - 2 (23 WORKING DAYS) PAPER STYLE - FILL IN THE BLANKS , MCQ, TRUE OR FALSE , SOLVE THE FOLLOWING

7	OCTOBER	11 Mensuration	Area (Square, Rectangle, Triangle, Parallelogram ,Circle ,Trapezium , Quadrilateral, Rhombus) Surface Area (cuboid , Cube), Volume (cube , cuboid , cylinder)Capacity , unit conversion	21 WORKING DAYS
		12 Exponents and Powers		
8	NOVEMBER	DIWALI VACATION (1 <sup>ST</sup> NOVEMBER TO 15 <sup>TH</sup> NOVEMBER)	Direct proportion , Inverse proportion , Word problems	11 WORKING DAYS
		13 Direct and Inverse Proportion		
		REVISION		
9	DECEMBER	14 Factorisation	Prime factor, Common factor, Method of Regrouping Reduction to lowest terms	PT – 2 (20 WORKING DAYS ) PAPER STYLE - MCQ , FILL IN THE BLANKS , TRUE OR FALSE
		CHRISTMAS VACATION (25 <sup>TH</sup> NOVEMBER TO 2 <sup>ND</sup> JANUARY)		
10	JANUARY	15 Introduction to Graphs	Bar graph , histogram , Line graph , coordinates	21 WORKING DAYS
		16 Data Handling	Pictograph, Pie chart , Random experiment and its Outcomes , Event , Probability , Upper and lower limit .	
11	FEBRUARY	16 Playing with Numbers	Numbers in general form , Letters for digits, Divisibility rule (10,5,2,3,9,)	20 WORKING DAYS
		04 Practical geometry	construction	
12	MARCH	REVISION		SA - 2 (18 WORKING DAYS) PAPER STYLE - MCQ , FILL IN THE BLANKS , SOLVE THE FOLLOWING QUESTIONS

**SUBJECT TEACHER: SHIVANJALI SHUKLA  
BHADORIYA**

**PRINCIPAL: NEELESH**