

Std:- 9	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 Number system	Rational and Irrational numbers, Rational number b/w two rational number, Real number, representation of real number on number line , operations on real Numbers , Laws of exponents for real number.	17 WORKING DAYS
		2 Polynomials	Polynomial, Polynomial in one variable, Zeroes of a Polynomial , Remainder theorem , Factorisation of polynomials, Algebraic identities.	
2	MAY	VACATION 3 <sup>RD</sup> MAY TO 7 <sup>TH</sup> JUNE		
3	JUNE	3 Coordinate geometry	Introduction , Cartesian system , coordinates, plotting a point in plane if its coordinates are given.	PT -1( 20 MARKS) PAPER STYLE -MCQ,TRUE OR FALSE , FILL IN THE BLANKS 18 WORKING DAYS
		REVISION		
4	JULY	4 Linear equation in two variable	Linear equation , solution of a linear equation , Graph of a linear equation in two variables, equation of lines parallel to x and y axis.	24 WORKING DAYS
		5 Introduction to Euclid's Geometry	Euclid's definition axioms , postulates, equivalent version of Euclid's fifth postulate.	
5	AUGUST	6 Lines and Angles	Basic terms and definitions , Intersecting and Non intersecting lines , pairs of a angle, parallel lines and a transversal, line parallel to the same line, angle sum property of a Triangle.	22 WORKING DAYS
		7 Triangles	Congruence of a triangle , criteria for congruence, properties of a triangle , Inequalities in a triangle	
6	SEPTEMBER	8 Quadrilaterals	Introduction , Angle sum property of a quadrilateral, types of quadrilateral, properties of a parallelogram , condition for quadrilateral to be a parallelogram , Mid point theorem.	SA - 2 ( 23 WORKING DAYS) PAPER STYLE - FILL IN THE BLANKS , MCQ, TRUE OR FALSE , SOLVE THE FOLLOWING

7	OCTOBER	9 Areas of Parallelogram and Triangle	Figure on same base and same parallels, Parallelogram on same base and between the same parallel, triangle on same base and between same parallels	21 WORKING DAYS
		11 Construction	Basic construction, constructions of triangles	
8	NOVEMBER	DIWALI VACATION (1 <sup>st</sup> NOVEMBER TO 15 <sup>th</sup> NOVEMBER)		11 WORKING DAYS
		12 Heron 's Formula	Area of triangle by Heron's formula Application of Heron's Formula	
9	DECEMBER	14 Statistics	Collection of data , Presentation of data , Graphical representation , Measure of central tendency	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	10 CIRCLE	Circle and its related terms , Chord ,Angle subtended by a chord at a point, Perpendicular to centre to a chord, Circle through three points. Equal Chord and their distance from centre, Angle subtended by arc of circle , Cyclic Quadrilateral.	21 WORKING DAYS
11	FEBRUARY	13 Surface area and volume	Introduction, Surface area of (Cuboid , Cube , Right circular cone , Right circular Cylinder) Volume of( Cuboid , Cylinder, Right circular cone, sphere)	20 WORKING DAYS
12	MARCH	15 Probability	Introduction ,Probability Questions	SA - 2 (18 WORKING DAYS) PAPER STYLE - MCQ , FILL IN THE BLANKS , SOLVE THE FOLLOWING QUESTIONS

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