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| CLASS 9 MATH SYLLABUS |
| MONTH | CHAPTER  | PERIOD  | ACTIVITY/TOPIC  | PT | SUBJECT ENRICHMENT  | MARKS DISTRIBUTION |
|  1st TERM | 2nd TERM | 3RD TERM |
| APRIL  | UNIT 1 NUMBER SYSTEM  | .18 | Introduction, International numbers, real numbers and their decimal expressions, representing real numbers on number line, operation on real numbers , law of exponent four real numbers |  | Make project on number system |  |  |  |
| MAY | UNIT 2 POLYNOMIAL  | 26 | Introduction, polynomials in one variable , zero's of polynomial, remainder theorem, factorization of polynomial, Algebraic identities |  | Make assignment related to this chapter, neat and clean work  |  |  |  |
| UNIT 3 Linear equations in two variables |  | Introduction, linear equations , solution of linear equation , graph of a linear equation Into variables , equation of lines parallel to x-axis and Y axis, summary  |  |  |  |  |  |
| JUNE | UNIT 4 Coordinate geometry | 7 | Introduction , Cartesian system , Plotting a point in the plane if it's coordinates are given |  | Make project related to Coordinate geometry |  |  |  |
| UNIT 5 Introduction to Euclid‘s geometry  | 7 | Introduction ,Euclid‘s definition , axioms and postulates, equivalent version, Euclid ‘s fifth postulate |  | Make a assignment related to geometry , neat and clean work |  |  |  |
| JULY | UNIT 6 Lines and angles | 15 | Introduction , basic terms and definitions , Intersecting lines and non-in intersecting lines , Parallel lines and transversal line |  |  |  |  |  |
| AUGUST/ SEPTEMBER  |  |  | REVISION AND FIRST TERM EXAM  |  |  |  |  |  |
| OCTOBER  | UNIT 7 Triangle  | 22 | Introduction , congruence of triangle, Some properties of triangle , criteria for congruence of triangle, inequalities in a triangle , summary |  | Make model related to triangle  |  |  |  |
| UNIT 8 Quadrilateral  | 13 | Introduction , Angle sum properties of a quadrilateral, types of quadrilateral , properties of parallelogram , midpoint theorem |  | Neat and clean work regularity |  |  |  |
| Nov | UNIT 9 Circles  | 7 | Introduction, Circle And related its term, Perpendicular from Centre to a chord , Circle through three points , equal chord, subtended by an arc of a circle, cyclic quadrilateral. |  | Make model of circle neat and clean work regularity |  |  |  |
| UNIT 10 Mensuration  | 5 | Introduction, Arc of a triangle by theorem, formula, summary |  | Make assignment theorem’s formula |  |  |  |
| DECEM |  |  | REVISION |  |  |  |  |  |
| JANUARY | UNIT 11 Surface area and volume | 17 | Introduction, surface area of a cuboid, circular cylinder , right circular cone, sphere, volume of a cuboid , cylinder, a right circular cone, spheres |  | Make project on surface area and volumeNeat and clean work regularity |  |  |  |
| UNIT 12 Statistics and probability | 15 | Introduction, collection of data , Presentation of data, graphical representation of data , measures of central tendency , Summary |  | Make assignment on statistics and probability Neat and clean work regularity |  |  |  |
| UNIT 13 Probability |  | Introduction , probability and experimental, approach summary |  | Neat and clean work regularity |  |  |  |
| FEB |  |  | REVISION |  |  |  |  |  |
| MARCH |  |  | FINAL TERM EXM |  |  |  |  |  |

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| UNIT TESTUNIT TEST 1 – CH- 1,2,3UNIT TEST 2- CH – 4,5,6,7UNIT TEST 3 – CH – 8,90,10UNIT TEST 4 – CH – 11, 12, 13 | HALF YEARLY EXM – CH – 1,2,3,4,5,6MID TERM – CH – 7,8,9,10YEARLY – CH – 10, 211, 12, 13 |