

SPLIT-UP SYLLABUS 2024-25

Class:X		Subject	MATHEMATICS		
Sl No	Month	Number of working Days	Description (Title of the chapter, Topics /Units)	Suggestive Practical, Project, MDP, Tests & Assignments	Suggested methodology to be used (Like PBL/AIL/CCT/ Experiential learning)
1	APRIL	20	1. Real Numbers 2. Polynomials 3. Linear equation in two variables	1. Activity to find HCF of two numbers. 2. Graph of Quadratic polynomial. 3. Activity to verify the conditions for constant or not. 4. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method, using Black board, PBL, PPT, Learning by activities
2	MAY	22	4. Quadratic Equations 5. Arithmetic Progression. PT1	1. Activity to identify AP in some given list of numbers . 3. Worksheet, Class Test 4. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method, using Black board, PBL, PPT, Learning by activities
3	JUNE & JULY	5 +18	6. Coordinate geometry. 7. Triangles	1 i) Activity to verify section formula ii) Criteria for similar triangles 2. Worksheet, Class Test 3. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method, using Black board, PBL, PPT, Learning by activities

4	AUGUST	20	8. Introduction of Trigonometry 9. Application of Trigonometry	1. Activity to remember trigonometric values for specific values using Hand rule. 2. activity to verify different criteria for congruence of Triangle 3. Worksheet, Class Test 4. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method, using Black board, PBL, PPT, Learning by activities
5	SEPTEMBER	20	10. Circles Areas related to circles PT2	1. Activity to find the number of tangents from a point to a circle 2. Worksheet, Class Test 3. Ncert Textbook questions and NCERT Exemplar questions and Extra questions 3. Revision	Lecture Method, using Black board, PBL, PPT, Learning by activities
6	OCTOBER	20	12. Surface areas and volumes 13. Statistics	1. Activity to find the TSA and Volume of combination of solids. 2. Role play 3. Worksheet, Class Test 4. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method, using Black board, PBL, PPT, Learning by activities
7	NOVEMBER	20	14. probability Revision for PB1	1. Activity to prove probability of getting each number in a die is $\frac{1}{6}$ by throwing 500 times. Multiplication of Algebraic Expressions and Laws of exponents. 2. Worksheet, Class Test 3. Ncert Textbook questions and NCERT Exemplar questions and Extra questions, Previous year CBSE questions	Lecture Method, using Black board, PBL, PPT, Learning by activities

8	DECEMBER & JANUARY	5+15	PB1 Revision for PB2	Worksheet,Class Test Ncert Textbookquestions and NCERT Exemplar questions and Extra questions ,Solvind sample question papers.	Lecture Method,using Black board,PBL,PPT,Learning by activities
9	FEBRUARY	20	PB2 Revision for Board Exams	Revision by Study Materials,Split test , Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method,using Black board,PBL,PPT,Learning by activities
10	MARCH		Board Exams 2025		