

Embassy of India School (KV Moscow)

SPLIT-UP SYLLABUS 2024-25

Class:IX		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. Number systems 2.Polynomials	1.Activity on Locating Irrational numbers on the numberline by Spiral Method 2. Activity on Algebraic identities 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
2	MAY	22	3. Coordinate Geometry 4.Linear Equation in two variables PT1	1.Activity to plotting points in the cartesian plane 2.Activity to concrete the concept of equation of a line parallel to x axis,yaxis..... 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 & JUL	5 +18	5.Introduction to Euclids Geometry 6. Lines and angles	1.Activity on quickly how to identify different type of angles 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	6. Lines and angles (continues) 7.Triangles	1.Activity on how to verify vertically opposite angles are equal 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	7.Triangles(continues) PT2	1. Worksheet,Class Test 2. 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	8. Quadrilaterals 9.Circles	1.Activity to prove sum of the angles of a quadrilateral is 360 degree 2. Activity to prove theorem on circles 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	9. Circles (continues) 10.Herons Formula	1.Activity on Multiplication of Algebraic Expressions and Laws of exponents. 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

8	DECEMBER & JANUARY	5+15	11.Surface areas and volumes 12. Statistics PT2	1.Activity to find the formula to get CSA,TSA of cone cylinder..... 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
9	FEBRUARY	20	Revision SEE -	1.Revision Worksheet,Class Test 3. Ncert Textbook questions and NCERT Exemplar questions and Extra questions	Lecture Method,using Black board,PBL,PPT,Learning by activities
10	MARCH		SEE		