



FORTNIGHTLY SYLLABUS PLANNING (2023-24)

CLASS IX

SUBJECT- MATHEMATICS

New Session begins on 3rd April, 2023

| S.No. | Duration | No. of Teaching Days | Theory | Practical/ Activity |
|--|--|----------------------|--|--|
| 1 | 1 st April-15 th April | 7 | Chapter -1 Number Systems | Square Root Spiral- To represent irrational numbers on number line |
| Unit Test – 17th April – 15th May 23 | | | | |
| 2 | 16 th April- 30 th April | 10 | Chapter -1 Number System (contd...) | |
| 3 | 1 st May- 15 th May | 10 | Chapter – 2 Polynomials | To create a foldable on the nomenclature of Polynomials |
| 4 | 16 th May-31 st May | 9 | Chapter – 2 Polynomials (Contd...) Chapter – 3 Co-ordinate Geometry | To draw the mirror image on the Cartesian Plane |
| Summer Vacations:29th May – 30th June'23 | | | | |
| 5 | 1 st July- 15 th July | 10 | Chapter – 4 Linear Equations in Two Variables | |
| Periodic Test-1: 10th July – 7th August 23 | | | | |
| 6 | 16 th July-31 st July | 11 | Chapter – 5 Euclid's Geometry Chapter – 6 Lines and Angles | To create a collage on Axioms and Postulates |
| 7 | 1 st Aug- 15 th Aug | 10 | Chapter – 7 Triangles | |
| 8 | 16 th Aug- 31 st Aug | 11 | Chapter – 7 Triangles (contd...) | |
| Syllabus Completion for Periodic Test 2: 31st Aug 2023 | | | | |
| Internal Assessment for Periodic Test 2: April 23 – Sept 23 | | | | |
| Practicals for Periodic Test 2: 6th Sept – 13th Sept 23 | | | | |
| 9 | 1 st Sept-15 th Sept | 7 | REVISION | |
| Periodic Test 2- 13thSept- 25th Sept 23 | | | | |
| 10 | 1 st Oct- 15 th Oct | 9 | Chapter –10 Heron's Formula | |
| Autumn Break- 23rdOct- 24th Oct 23 | | | | |
| 11 | 16 th Oct-31 st Oct | 10 | Chapter – 8 Quadrilaterals | Making a family tree of Quadrilaterals |
| 12 | 1 st Nov -15 th Nov | 8 | Chapter – 12 Statistics | |
| Diwali Break : 13th Nov - 15th Nov'23 | | | | |
| Annual Day – 24th Nov 23 | | | | |
| 13 | 16 th Nov-30 th Nov | 8 | Chapter 12 Statistics (Contd...) | To conduct a survey and representing data in tabular and in graphical form |
| Periodic Test-3: 6th Dec -18th Dec'23 | | | | |
| 14 | 1 st Dec- 15 th Dec | 11 | Chapter 11- Surface Areas and Volumes | |
| 15 | 16 th Dec-31 st Dec | 9 | Chapter 11 Surface Areas and Volumes (Contd...) | Derive formula for SA of a sphere through orange peel activity |
| Winter Break- 1stJan - 12th Jan'24 | | | | |
| 16 | 15 th Jan- 31 st Jan | 12 | Chapter 9 Circles | |
| Syllabus Completion for AnnualExamination 31st Jan'24 | | | | |
| 17 | 1 st Feb -16 th Feb | 5 | REVISION | |
| Internal Assessment for Annual Examination: October 23 – January 24 | | | | |
| Practicals forAnnual Examination: 1st Feb – 7th Feb 24 | | | | |
| Annual Exam begins: 18th Feb'24 | | | | |

SYLLABUS FOR ASSESSMENT

| Exam | Test Date | Syllabus |
|--------------------|------------|----------------------------------|
| UNIT TEST | 24/04/2023 | Chapter – 1 |
| PERIODIC TEST1 | 07/08/2023 | Chapter 1, 2, 3 and 4 |
| PERIODIC TEST 2 | 22/09/2023 | Chapter 1,2,3,4,5,6 |
| PERIODIC TEST 3 | 11/12/2023 | Chapter 2, 8 and 10 |
| ANNUAL EXAMINATION | - | Chaper1,2,3,4,5,6,7,8,9,10,11,12 |