# THE AIR FORCE SCHOOL : SUBROTO PARK : DELHI CANTT-110010

## Class – VI

## Sub: MATHEMATICS

## Weekly Syllabus

## Academic Session 2023-24

| Month | Week | Dates | | Days | No of Periods | Chapter | Contents | Syllabus |
|---|---|---|---|---|---|---|---|---|
| Apr-23 | I | 01 | **01-Working Saturday (Student)** | 01 | 01 | | | |
| | II | 03-07 | **04 - MahavirJayanti**<br>**07 – Good Friday** | 03 | 03 | Knowing Our Numbers | ● Comparing Numbers,Ascending and descending order<br>● Forming numbers according to the given conditions. | |
| | III | 10-14 | **14 - AmbedakarJayanti** | 04 | | Knowing Our Numbers | ● Revisiting Place Value<br>● Indian and international system of numeration-Ex 1.1 | |
| | IV | 17-21 | | 05 | 07 | Knowing Our Numbers | ● Large numbers in practice<br>● Ex 1.2 | |
| | V | 24-29 | **29-Working Saturday (Student)**<br><br>**29 – Parent Orientation VI & IX** | 06 | 08 | Playing With Numbers | ● Introduction<br>● Factors and multiples, Ex 3.1<br>● Prime and composite numbers-Ex 3.2 | |
| May-23 | I | 01-05 | **05 – Budha Purnima**<br><br>**01-04 : ES-1 (XII)/ CT-1 (X)** | 04 | | Playing With Numbers | ● Tests of divisibility Ex 3.3<br>● Common Factors and multiples, Ex 3.4 | ==ES-1 (XII)/ CT-1 (X)==<br>**Date: 01-08 May** |
| | II | 08-12 | **08 : ES-1 (XII)/ CT-1 (X)**<br>**11,12 – The Quest** | 05 | | Playing With Numbers | ● Prime Factorisation Ex 3.5<br>● HCF Ex 3.6 | |
| | III | 15-20 | **20- Working Saturday (Open House X & XII)** | 06 | | Playing With Numbers | ● LCM<br>● Ex 3.7 | |
| | | | ● **\*\*\*\*\* SUMMER BREAK 22 MAY -30 JUN 2023 \*\*\*\*\*\*** | | | | | |

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|---|---|---|---|---|---|---|---|---|
| Jul-23 | I | 01- | 01- School reopens for staff | 01 | | | | |
| | II | 03-07 | | 05 | | Whole Numbers | ● Predecessor,Successor<br>● Addition,subtraction,multiplication on number line,Ex. 2.1 | |
| | III | 10-14 | | 05 | | Basic Geometrical Ideas | ● Introduction - Ray,line ,line segment – Ex 4.1<br>● Curves and polygons - Ex 4.2 | |
| | IV | 17-22 | **22 – Working Saturday (Students)** | 06 | | ● Basic Geometrical Ideas<br>● Understanding Elementary Shapes | ● Angles– Ex 4.3<br>● Understanding Elementary shapes- Introduction ,Ex 5.1 | |
| | V | 24-28 | **29-Muharram** | 05 | | Understanding Elementary shapes | ● Right and straight angles<br>● Ex 5.2<br>● Types of angles Ex 5.3 | |
| | VI | 31 | | 01 | | Understanding Elementary shapes | ● Ex 5.3 contd. | |
| Aug-23 | I | 01-05 | **05 – Working Saturday (Open House (VI-X), XII)** | 05 | | Understanding Elementary shapes | ● Measuring angles -Ex 5.4<br>● Perpendicular Lines - Ex 5.5 | |
| | II | 07-11 | | 05 | | Understanding Elementary Shapes | ● Triangles - Ex 5.6<br>● Quadrilaterals - Ex 5.7<br>● Polygons Ex 5.8 | |
| | III | 14-18 | **15 – Independence Day** | 04 | | Integers | ● Introduction<br>● ordering of Integers<br>● Ex 6.1 | |

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| | IV | 21-26 | **24,25-Class Test**<br>**26-Working Saturday (Students)**<br>**26-Annual Prize Distribution** | 06 | | Integers | • Addition of integer with and without number line<br>• Ex 6.2 | **21 Aug – 25 Aug** |
| | V | 28-31 | **30-Raksha Bandhan**<br><br>**28,29 -Class Test** | 03 | | Integers | • Subtraction of integers with and without number line Ex. 6.3 | |
| **Sep-23** | I | 01 | **01 -Class Test** | 01 | | | • Revision | |
| | II | 04-08 | **07-Janmashtami** | 04 | | Mid Term/ HYE Exam | | **Mid Term (PT-II)/ HYE**<br>**Date 11-23 Sep**<br><br>1. **Knowing Our numbers**<br>2. **Whole Numbers**<br>3. **Playing With numbers**<br>4. **Basic Geometrical Ideas**<br>5. **Understanding Elementary Shapes**<br>6. **Integers** |
| | III | 11-16 | **16 – Working Saturday (Students)** | 06 | | | | |
| | IV | 18-23 | **23 – Working Saturday (Students)** | 06 | | | | |
| | V | 25-30 | **28-Milad-un-Nabi** | 04 | | Fractions | Introduction<br>Ex 7.1 | |
| **Oct-23** | II | 02-07 | **02-Mahatma Gandhi's Birthday**<br>**07-Annual Prize Distribution** | 05 | | Fractions | Proper and mixed fractions Ex 7.2<br>Equivalent fractions – Ex. 7.3 | |

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| | III | 09-14 | **14- Working Saturday(Open House VI-XII)** | 06 | | Fractions | Ex 7.3 continued Comparison of fractions Ex. 7.4 | |
| | IV | 16-20 | | 05 | | Fractions | Addition and subtraction of like fractions Ex 7.5 Addition and subtraction of unlike fractions Ex 7.6 | |
| | V | 23-27 | **23– Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday** | 03 | | Decimals | Decimals Introduction Conversions Ex 8.2 | |
| | VI | 30-31 | | 02 | | Decimals | Sum of decimals Ex 8.3 | |
| *** Autumn Break 23 Oct 2023 *** |

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| **Nov-23** | I | 01-04 | **01– KarwaChouth** **04 – Working Saturday (Students)** | 03 | | Decimals | Subtraction of decimals Ex 8.4 | |
| | II | 06-10 | **07 – Annual Day** | 05 | | Data Handling | Organisation of data Tally marks – examples and try these | |
| | III | 13-18 | **11-15 – Diwali Break** | 03 | | Data Handling | Pictograph Ex 9.1 | **PT-III (VI-VIII):**17 Nov-14 Dec  Syllabus Fractions Decimals **PT-III (IX & X)**: 20 Nov-30 Nov **ES-2 (XI):**21 Nov-14 Dec |
| | IV | 20-24 | | 05 | | Mensuration | Mensuration – Intro , Perimeter of square and rectangle Ex 10.1 | |
| | V | 27-30 | **27 – Guru Nank's Birthday** | 03 | | Mensusation | Ex 10.1 continued | |

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| Dec-23 | I | 01-02 | **01,02 – Annual Athletic Meet** | 02 | | Mensuration | Areas by counting squares Ex 10.1 | <mark>**MPB (XII):**</mark>20 Nov-30 Nov |
| | II | 04-09 | **09 – Sports Day** | 06 | | Mensuratio | Area of squares and rectangles Ex. 10.3 | |
| | III | 11-16 | **16-Working Saturday, Open House (IX,X & XII)** | 06 | | Mensuratio | Ex 10.3 contd. | |
| | IV | 18-22 | **20-22 – TAFS MUN** <span style="color:red">**24,25 – Christmas Holidays**</span> | 05 | | Algebra | Algebra – Introduction Ex. 11.1 | |
| | | | *** Winter Break from 26 Dec  to 05 Jan 2024 *** | | | | | |
| Jan-24 | I | 08-12 | | 05 | | Ratio and Proportion | Introduction Ex 12.1 | <mark>**Pre-Board (X & XII):** 09 Jan-23 Jan</mark> |
| | II | 15-20 | **20-Working Saturday, Open House (VI-VIII, XI)** | 06 | | Ratio and Proportion | Ex 12.1 continued | |
| | III | 22-27 | <span style="color:red">**26-Republic Day**</span> **27- Farewell XII** | 05 | | Ratio and proportiom | Proportions- Ex. 12.2 | |
| | IV | 29-31 | | 03 | | Eatio and Proportiom | Unitary Method | |
| Feb-24 | I | 01-03 | **01,02- Class Test** **03-Working Saturday, Citation Ceremony, Open House (X& XII)** | 03 | | Ratio and proportion | Ex 12.3 | |
| | II | 05-09 | **05-08- Class Test** | 05 | | | Revision | <mark>**Annual Exam Class IX & XI  – 07 Feb-21 Feb 2023**</mark> |

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|-------|------|-------|---|------|---------------|---------|----------|----------|
| | III | 12-16 | | 05 | | | Revision | |
| | IV | 19-23 | | 05 | | | Revision | |
| | V | 26-29 | | 04 | | | Revision | |
| Mar-24 | Annual Exam  Classes VI-VIII – 26 Feb-11 Mar 2024 | | | | | | | |

*Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.*