Format for Syllabus Class – VIII

Subject – Maths

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|  | **April – May** |  |
| Chapter 1 | Number Systems | 10 periods |
| Chapter 2 | Factors and multiple | 8 periods |
| Chapter 3 | whole numbers | 8 periods |
| Chapter 4 | Integers | 5 periods |
| **Revision** |  | 7 periods |
| Activity 1 - (chapter 1):- |  |  |

To verify that addition is commutative for whole numbers.

2 periods

Activity 2 - (chapter 2):-

To find prime numbers from 1 to 100 by the method ‘sieve of

Eratosthenes’. 2 periods

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|  | **July – September** |  |
| Chapter 5 | Fractions | 9 periods |
| Chapter 6 | Simplification | 5 periods |
| Chapter 7 | Decimals | 8 periods |
| Chapter 8 | Algebraic expressions | 10 periods |
| Chapter 9 | Linear equation in one variable | 6 periods |

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| Chapter 10 | Ratio, proportion and unitary method | 6 periods |
| Chapter 11 | Line segment,Ray and Line | 5 periods |
| Chapter 12  **Revision** | Parallel lines | 5 periods  10 periods |

Activity 3 - (chapter 11):-

To draw a line ligament of length 5 cm on a paper and do the following:

1. Make a perpendicular line from a point on the given line.
2. Make a line parallel to the given line. 2 periods

Activity 4 - (chapter 7):-

To represent the decimals numbers 0.25,0.5,0.75,0.68 and 0.09 on a 10 x 10 grid. 2 periods

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|  | **October – November** |  |
| Chapter 13 | Angles and their measurement | 20 periods |
| Chapter 14 | Construction | 10 periods |
| **Revision** |  | 12 periods |

Activity 5 - (chapter 13):-

To represent the following by paper folding.

1. A straight line
2. A right angle
3. An acute angle
4. An obtuse angle 2 periods

Activity 6:-

To classify the triangles on the basis of their sides and angles from the given set of triangles. 2 periods

**December – February**

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| Chapter 15 | Polygons | 4 periods |
| Chapter 16 | Triangles | 8 periods |
| Chapter 17 | Quadilaterals | 8 periods |
| Chapter 18 | Circles | 8 periods |
| Chapter 19 | Three dimensional shape | 2 periods |
| Chapter 20 | Two dimensional shape | 2 periods |
| Chapter 21 | Concept of perimeter and area | 13 periods |
| Chapter 22 | Data handling | 3 periods |
| Chapter 23 | Pictograph | 4 periods |
| Chapter 24 | Bar graph | 6 periods |
| **Revision** |  | 8 periods |
| Activity 6:- |  |  |

To make a cube using a net and count the number of faces,vertices and edges. 2 periods

Activity 7 - (chapter 20):-

To determine the number of lines of symmetry of the following shapes.

1. Equilateral triangle
2. Square
3. Rectangle
4. Rhombus 2 periods

Syllabus for Annual Examination:- Chapter 1 to 24 all.