

**CARMEL CONVENT SR. SEC. SCHOOL, B.H.E.L., BHOPAL**

**SYLLABUS - 2016 – 17**

**MATHEMATICS**

**CLASS - IX**

- FA I**
1. NUMBER SYSTEM
  2. LINES AND ANGLES
- FA II**
1. LINES AND ANGLES
  2. POLYNOMIALS
  3. TRIANGLES
- SA I**
1. NUMBER SYSTEM
  2. POLYNOMIALS
  3. COORDINATE GEOMETRY
  4. INTRODUCTION TO EUCLID'S GEOMETRY
  5. LINES & ANGLES
  6. TRIANGLES
  7. HERON'S FORMULA
- FA III**
1. LINEAR EQUATIONS IN TWO VARIABLES
  2. QUADRILATERALS
- FA IV**
1. AREA OF PARALLELOGRAMS AND TRIANGLES
  2. SURFACE AREA AND VOLUMES
- SA II**
1. LINEAR EQUATIONS IN TWO VARIABLES
  2. QUADRILATERALS
  3. AREA OF PARALLELOGRAMS AND TRIANGLES
  4. CIRCLES
  5. CONSTRUCTION
  6. SURFACE AREA AND VOLUMES
  7. STATISTICS
  8. PROBABILITY

**TOOLS FOR FORMATIVE ASSESSMENTS**  
**SUBJECT – MATHS**  
**CLASS - IX**

**FORMATIVE ASSESSMENT – I**

1. Paper Pen Test
2. Individual Activity (Math's Lab Activity)
3. MCQ based on previous knowledge

**FORMATIVE ASSESSMENT – II**

1. Paper Pen Test
2. Individual Activity (Geometry)
3. Group Activity (Mensuration)

**FORMATIVE ASSESSMENT – III**

1. Paper Pen Test
2. Individual Activity (Quiz/ puzzle)
3. Group Activity (Project based on Linear equations in two variables)

**FORMATIVE ASSESSMENT – IV**

1. Paper Pen Test
2. Individual Activity (Probability)
3. Group Activity (Project based on Statistics)

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