

Teaching plan

There are 14 cycles in one year, each cycle containing 4 lessons and should be taught and practice in depth.

F.4:

1. Algebraic arithmetics, Surds and complex numbers.
2. Remembrance of solving linear equations.
3. Solving quadratic equations and understand relation between coefficients and roots.
4. Learning functions and graphs of linear and quadratic equations.
5. Polynomials.
6. Variations.
7. Equation of straight lines.
8. Equation of circle.
9. Locus
10. Exponentiation and logarithms
11. Graphs of Exponentiation and logarithms.
12. Basic trigonometry in a circle.
13. Solving equations in advanced.

F.5:

1. inequalities.
2. Linear programming.
3. Sine Law, Cosine Law and Heron's formula.
4. Properties of circle (Arc and angles)
5. Properties of circle (Tangent lines)
6. 3-dimensional geometry
7. 3-dimensional geometry practice
8. Mean, mode, median and standard deviation.
9. Statistical chart reading.
10. Counting.

11. Probability.
12. Probability.
13. Statistical measure

F.6:

1. AS and GS.
2. Revisiting system of equations.
3. Revisiting Geometry.
4. Revisiting Data Handling.
5. CE practice.
6. CE practice.
7. DSE practice.
8. DSE practice.