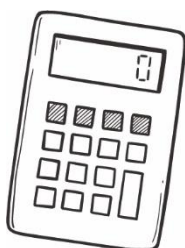
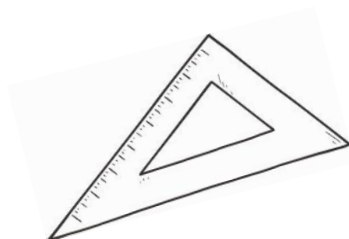


**Year 10 Maths Higher
Exam board - EDEXCEL**

- Expanding triple brackets
- 3-D Pythagoras & Trigonometry
- Further Trigonometry - area of a triangle
- Sine Rule
- Cosine rule
- Angles in polygons
- Worded problems week



- Plotting cubic graphs
- Different types of graphs
- Approximate solutions to linear graphs
- Solving linear simultaneous equations
- Solving quadratic simultaneous equations



- Graphing inequalities
- Error intervals review
- Bounds
- Sampling
- Capture-recapture

Assessments

- Half termly End of unit tests
- Termly full assessments
- First formal set of PPEs in summer term

**Autumn
Term 1**

1

- Using a calculator
- Pythagoras' theorem
- Trigonometry
- Congruent triangles & proofs
- Angles on parallel lines
- Expanding brackets
- Surds



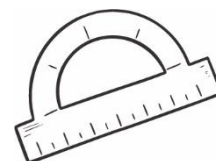
**Autumn
Term 2**



3

- Bearings
- Bearings with trigonometry
- Plotting quadratic graphs
- Factorising quadratics
- Quadratic formula
- Completing the square
- Sketching quadratic graphs

**Spring
Term 1**



**Spring
Term 2**

5

- Averages review & quartiles
- Cumulative frequency curves
- Box Plots
- Probability review & tree diagrams
- Linear inequalities

**Summer
Term 1**



**Summer
Term 2**

Skills Development, Key knowledge:

- Solve problems involving right angle triangles
- Accurately measure angles using a protractor
- Accurately draw different types of graphs
- Apply algebraic skills to angle problems

