Topic list for end of year maths exam – Year 10H

- Expanding and factorising
- Algebraic fractions
- Surds
- Fraction calculations
- Simplifying including indices
- Properties of shapes
- Circles
- Error intervals
- Probability and probability diagrams
- Negatives
- % calculations with and without a calculator
- Reverse averages
- Numerical reasoning
- Fraction/decimal/percentage conversion
- Equations and inequalities
- Nth term and sequences
- Functions
- Linear graphs including perpendicular lines
- Bearings and angles
- Polygons
- Combinations
- Prime factors
- Cumulative frequency, box plots and histograms
- Proportion
- Using your calculator effectively

There will be 2 exams. For the first exam you will not be allowed to use a calculator.

For the second exam you will be expected to have your own calculator.

Both exams will contain a variety of question types including multiple choice questions and problem-solving questions where it will be important to show your working.

If you have any questions please speak to your maths teacher.

Remember you can find tutorials, practice questions and quizzes for all topics on our website www.astarlearning.co.uk