Maths Year 11 November Mocks

Foundation Tier Calculator Paper

- Number types (primes, factors, multiples)
- Averages and range
- Measuring angles
- Recognising and continuing sequences
- Listing combinations
- Co-ordinates and naming graphs in the form x=a and y=b
- Substitution into formula
- Fraction of an amount
- Simplifying ratios
- Finding %
- Calculating the mean from a table
- Proportion
- Enlarging a shape
- Solving a linear inequality and a showing solution on a number line
- Using a calculator
- Lower and Upper bounds
- Area (triangle and trapezium)
- Angles in parallel line
- Simultaneous equations
- Pythagoras

Foundation Tier Non-Calculator Paper

- The 4 operations with decimals
- Working with negative numbers
- Reflection and rotation
- Using a sample space diagram to work out probability.
- Using inequality signs
- Converting between fraction, decimal and %
- The 4 operations with fractions
- Simplifying in algebra
- Naming 3D shapes
- Using indices
- Recognising sequences
- Substitution into SUVAT formula
- Loci
- Column vectors
- Working with %
- Scattergraphs
- Using algebra to solve problems.
- Compound Interest
- Expanding double brackets
- Solving a quadratic by factorising
- Using a Venn diagram in probability