

Year 11 'Walk Talk' Mock Exam 2019

Foundation Paper 1 – Non calculator

- Tally Charts
- Bar Charts
- Writing one quantity as a percentage of another
- Adding fractions
- Finding fractions of amounts
- Equivalent fractions
- Multiplying decimals
- Scales on maps
- Bearings
- Expanding brackets
- Solving linear equations
- Angles on parallel lines
- Probability
- Powers and Roots
- BODMAS
- Percentage decrease
- Forming and solving equations
- Fibonacci sequences
- Area of a trapezium
- Plans and elevations
- Volume
- Multiplying fractions
- Speed, distance, times
- Simplifying ratio
- Changing the subject of a formula
- Factorising
- Averages
- Finding ratios given 2 ratios
- Using ratios to find amounts
- Stratified sampling
- Pythagoras
- Congruent triangles

Foundation Paper 2 – Calculator

- Converting between fractions, decimals and percentages
- Converting ratios to fractions
- Simple interest
- Powers
- Expanding and simplifying brackets
- Factorising
- Index laws – bracketed indices
- Substitution, including kinematics formulae
- Changing the subject of a formula
- Probability
- Venn diagrams
- Forming and solving equations
- Money conversions
- Rounding to decimal places and significant figures
- Generating sequences
- Finding the n th term of a sequence
- Proportion
- Estimation
- Perimeter
- Error intervals
- Transformations – translation and describing transformations
- Listing outcomes
- Scatter Graphs
- Interpreting pie charts
- Scale
- Ratio in the form 1:n
- Loci
- Density
- Highest Common Factor and Lowest Common Multiple
- Sample space diagrams
- Sketching quadratics
- Solving equations graphically
- Mass, density, volume