



## Foundation Tier GCSE Mathematics Revision List

The following is a list of the main topics in your summer assessments. Please note that, aside from these topics, other skills and knowledge may be required as set out in the OCR J560 specification. Study support is available in U12 at 13:15pm every Tuesday and in U1 at 13:15pm every Thursday.

- Dividing in a ratio
- Ratio
- Factorising
- Limits of accuracy
- Pythagoras
- Probability Line
- Area
- Use and convert standard units of measurement for length and capacity. Calculations with integers also tested.
- Complete statements for equivalent fractions. Decimal fractions also tested - multiplication and division of decimals
- LCM
- Solve two linear simultaneous equations
- Use the area of a sector
- Order of operations
- Problem involving percentage change and reverse fraction change
- Probability and listing outcomes
- Problem involving expansion of brackets
- Transformations
- Volume
- Probability Line
- Direct proportion
- Scatter diagram and line of best fit
- Right-angled trigonometry
- Angles in regular polygon
- Problem involving density, volume and unit change
- Plot curve and find crossing points
- Use positive integer indices and calculate with positive and negative integer powers
- Simplifying algebraic products and quotients. 3.01 Laws of indices also tested
- Calculate simple interest in financial context
- Use the addition law in context. 5.01 Calculations with ratio is also tested
- Recognise and sketch the graphs of linear and quadratic functions and identify intercepts. Recognise  $y = 1/x$
- Rounding
- Scale