

Foundation B4, B5, Y3, Y4 (Mr Quinn, Mrs Chapman, Mr Herron Miss Dixon)

Students will complete 3 exam papers for 1hr 30 min each.

Paper 1 and 3 are calculator and paper 2 are non calculator. All papers are OCR.

Intermediate does not exist in the real exam but we have build a paper to bridge the gap between higher and foundation, these students will be expected to complete higher in year 11.

The revision lists start easy and get more difficult. Students should not be expected to complete the whole list. They should find the areas they need to work on and complete those, some may find the start too easy or the end too difficult. They may also not have covered some things in class yet and that is to be expected.

All clip numbers can be put in the search box on Sparx maths to find a video and questions to answer.

Paper 1 - Wed 24th May
Calculator

Topic	Clip Number
Collect like terms	M276
Solve 1-step equations	U849
Solve 2-step equations	M322
Long multiplication	M823
Complementary angles	U236
Vertically opposite angles, corresponding angles	M135
Angles around a point	M264
Converting length	M241
Fractions of an amount	M241

Paper 2 - Monday 5th and Tuesday 6th June -
Non Calculator

Topic	Clip Number
Convert decimals to fractions	U478
Comparing negative numbers	U742
Factors of a number	U548
Converting mass	U435
Read & write positive integers	U888
Money	U888
Writing algebraic expressions	U225
Simplifying expressions involving multiplication	U704
Indices with algebraic expressions	U692

Paper 3 - Wednesday 14th June -
calculator

Topic	Clip Number
Fractions of an amount	U447
Express one number as a fraction of another	U447
Money	U687
Estimate complex calculations	U687
Write ratios as fractions/proportions	U976
Linear sequences (term-to-term rule)	U349
Complex calculations using a calculator	M920/M635 /M690
Writing formulae and simple substitution	U849
Using formulae in context, substituting and solving	U751

Linking dividing fractions and whole numbers	M241
Square roots	M941
Cube numbers	M792
Expand a single bracket	M100
Factorise simple expressions	M419
Experimental probability and relative frequency	U721
Area of a rectangle, money	M681
Subtract fractions	M440
Multiply fractions	M910
Area, ratio and percentage problem solving	M290
Two-way tables	M139
Mutually exclusive events	M437/ M905
Recipe problems	M231
Highest common factor	M111
Plans and elevations	M431
Reflect a shape, describe a translation	M120
Share in a given ratio	M608
Perimeter and area of a rectangle	M247
Estimate complex calculations	M581

Simplifying expressions involving division	U736
Interpret a pictogram	U735
Compare positive and negative numbers	U868
Substitution	M135
Read timetables	U851
Read timetables	U851
Multiplication and division problem solving	U637
Write ratio in the form 1:n or n:1	M175
Area of rectangles, find percentages of amounts	M428
Comparing probabilities	U826
Probability of an event not happening	U408
Expectation	M938
Direct Proportion	M755
Direct Proportion, converting time	M938
Solve single linear inequalities (positive x)	U914
Solve double linear inequalities and represent on a number line	U914
Straight line graphs	U914
Express one number as a fraction as another, fractions of an amount	U403/U 966
Census, sampling & bias	U462

Perimeter of a compound shape	U789
Scale diagrams	U741
Mode from frequency tables	U201
Total from frequency table	U958/U978
Change the subject of the formula	U958/U978
Interior angles of triangles and quadrilaterals	U958/U978
Converting currency	U508/U172
Direct proportion	U508/U172
Two-way tables, percentage and fraction of amounts, ratio	U172/U902
Displaying sets in Venn diagrams	U280
Venn diagrams for probability	U558
Compound interest	U325
Median from grouped frequency tables	U497/U388
Frequency polygons	U388
Critique time series charts	U721
Angles in polygons using algebra	U721
Surface area problem solving	U238
Complex calculations using a calculator	U743
Pythagoras' theorem	U161/U264

Index form, round to significant figures	U910
Index form (power of negative integers)	U741
Multiplying mixed numbers	U741
Solving simultaneous equations using straight lines	U315
Calculate median and upper and lower quartiles	U385
Volume of compound shapes	U176
Systematic listing, product rule for counting	U577

Volume of a cuboid, fractions of an amount, converting volume	U105
Right-angled trigonometry (find side)	U662
Error Intervals	U556
Share in a given ratio	U199
Ordinary to standard form	U277
Standard form to ordinary	U128
Change the subject of the formula	U128
Lowest common multiple, ratio	U388
Two way tables	M478

Enlarge a shape	U330/U534
Other compound units	U172
Reverse percentages	U278/U408
Dividing with standard form	U577
Index form (powers of unit fractions)	U245