<u>Intermediate B3, Y2 (Mrs Llewellyn, Mr Quinn)</u>

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

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

Intermediate does not exist in the real exam, but we have built 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
Convert decimals to fractions	U888
Comparing negative numbers	U947
Factors of a number	U211
Converting mass	U388
Read & write positive integers	U600
Money	U478,U293
Writing algebraic expressions	U613

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

Topic	Clip Number
Collect like terms	
Solve 1-step equations	U755
Solve 2-step equations	U325
Long multiplication	U127
Complementary angles	U390
Vertically opposite angles, corresponding angles	U826
Angles around a point	U390,U826

Paper 3 - Wednesday 14th June - calculator

Topic	Clip Number
Fractions of an amount	U916
Express one number as a fraction of another	U163
Money	U721
Estimate complex calculations	U225
Write ratios as fractions/proportions	U176
Linear sequences (term-to-term rule)	U213
Complex calculations using a calculator	U213

Topic	Code
Simplifying expressions involving multiplication	U662
Indices with algebraic expressions	U662
Simplifying expressions involving division	U103
Interpret a pictogram	U506
Compare positive and negative numbers	
Substitution	U585
Read timetables	U902
Read timetables	U902
Multiplication and division problem solving	U226
Write ratio in the form 1:n or n:1	U687
Area of rectangles, find percentages of amounts	U226
Comparing probabilities	U510
Probability of an event not happening	U683
Expectation	U166
Direct Proportion	U721

Topic	Code
Converting length	U388,U613
Fractions of an amount	U881
Linking dividing fractions and whole numbers	U544
Square roots	U851
Cube numbers	U851
Expand a single bracket	U179
Factorise simple expressions	U365
Experimental probability and relative frequency	U580
Area of a rectangle, money	U226
Subtract fractions	U736
Multiply fractions	U475
Area, ratio and percentage problem solving	U630,U176
Two-way tables	U981
Mutually exclusive events	U510,U683
Recipe problems	U721

Topic	Code
Writing formulae and simple substitution	U144
Using formulae in context, substituting and and solving	U144
Perimeter of a compound shape	U226
Scale diagrams	M112
Mode from frequency tables	U569
Total from frequency table	U569
Change the subject of the formula	U556
Interior angles of triangles and quadrilaterals	U628,U329
Converting currency	U610
Direct proportion	U256
Two-way tables, percentage and fraction of amounts, ratio	U916,U349,U753
Displaying sets in Venn diagrams	U296,U748
Venn diagrams for probability	U296,U748
Compound interest	U332
Median from grouped frequency tables	U569

Direct Proportion, converting time	U721,U902	Highest common factor	U529	Frequency polygons	U840
Solve single linear inequalities (positive x)	U738	Plans and elevations	U743	Critique time series charts	U193
Solve double linear inequalities and represent on a number line	U145	Reflect a shape, describe a translation	U766	Angles in polygons using algebra	U427
Straight line graphs	U741	Share in a given ratio	U577	Surface area problem solving	U464
Express one number as a fraction as another, fractions of an amount	U163,U916	Perimeter and area of a rectangle	U993,U226	Complex calculations using a calculator	U760
Census, sampling & bias	U162	Estimate complex calculations	U601	Pythagoras' theorem	U385
Volume of a cuboid, fractions of an amount, converting volume	U786	Index form, round to significant figures	U225	Enlarge a shape	U134
Right-angled trigonometry (find side)	U283	Index form (power of negative integers)	U694	Other compound units	U357
Error Intervals	U301	Multiplying mixed numbers	U224	Reverse percentages	U286,U278
Share in a given ratio	U577	Solving simultaneous equations using straight lines	U836	Dividing with standard form	U264,U151
Ordinary to standard form	U534	Calculate median and upper and lower quartiles	U456 U717	Index form (powers of unit fractions)	U985
Standard form to ordinary	U330	Volume of compound shapes	U543		
Change the subject of the formula	U556	Systematic listing, product rule for counting	U369		
Lowest common multiple, ratio	U577,U751				