

Year 10 Higher Maths Confidence Grid 2024

Algebra	Topic	Sparx	<input checked="" type="checkbox"/>
	Basic Simplifying with Four Operations	U105	
	Simplifying Using Index Laws	U662	
	Expanding Single Brackets	U179	
	Expanding Double Brackets	U768	
	Factorising Linear Expressions	U365	
	Factorising Quadratic Expressions	U178	
	Completing the Square	U397	
	Solving Linear Equations	U325	
	Solving Equations with Variables on Both Sides	U870	
	Solving Quadratic Equations	U150	
	Using the Quadratic Formula	U665	
	Rearranging Formula	U556	
	Rearranging Formula Involving Factorising	U556	
	Understanding and Representing Inequalities	U509	
	Solving Linear Inequalities	U759	
Solving Quadratic Inequalities	U133		
Drawing a Linear Graph	U590		
Simplifying Algebraic Fractions	U103		
Calculating with Algebraic Fractions	U685 U457 U824		

Use your RAG analysis sheets on the front of your year 10 assessments to identify your weaker areas. TARGET these.
 Watch the Sparx videos (click on the video tab at the top make sure the search is set to GCSE then type in the video number from above) to TRANSFORM your understanding, remember to pause and try the questions when asked to.
 TEST your understanding by trying the interactive questions.

Number	Topic	Sparx	<input checked="" type="checkbox"/>
	Calculations with Integers	U417 U127	
	Calculations with Decimals	U478 U293	
	Positive and Negative Indices	U851	
	Fractional Indices and Roots	U772	
	Calculations with Fractions	U793 U475	
	Standard Form Calculations	U264 U290	
	Estimation	U225	
	Percentage Calculations	U554	
	Percentage Change	U773	
	Reverse Percentages	U278	
	Simple and Compound Interest	U553 U332	
	Error Intervals	U657	
	Calculations with Bounds	U587	
	Surds	U338 U499 U633 U872	

Geometry & Measures	Topic	Sparx	<input checked="" type="checkbox"/>
	Angle Facts	U447	
	Angles in Triangle and Quadrilaterals	U628 U329	
	Angles in Polygons	U427	
	Angles in Parallel Lines	U826	
	Bearings	U525 U107	
	Pythagoras	U385 U541	
	Trigonometry	U283 U545	
	Sine and Cosine Rules	U952 U591	
	Area of a Triangle Using Sine	U592	

Ratio	Topic	Sparx	<input checked="" type="checkbox"/>
	Using ratio	U697 U865 U595	
Using proportion	U721		