## **Sparx Maths**

## Edexcel 2022 ADVANCE INFORMATION LIST Higher - Paper 2 (Calculator) Tuesday 7th June 2022

Number	Topics	Topic Code	R	Α	G
Approximation and estimation	Error interval	U657, U587			
Other	Use of a calculator	U926			
Algebra	Topics	Topic Code	R	А	G
Manipulation	Simplification	U105, U662			
	Expansion of bracket	U179, U768, U606			
	Factorisation	U365, U178, U858, U963			
	Laws of indices	U235, U694, U662			
Equations and inequalities	Linear equation	U755, U325, U870, U505			
	Equations of parallel lines	U377			
	Form an equation	U599			
	Quadratic inequality	U133			
Graphs	Coordinates	U789, U889			
	Transformations of functions	U598, U487			
	Graphs of trigonometric functions	U450			
Functions	Inverse and composite functions	U996, U448			

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Ratio, proportion, and rates of change	Topics	Topic Code	R	A	G
Conversions	Area	U248			
Percentages	Depreciation	U988			
Ratio	Use of ratio	U753, U176, U577, U595, U921, U676, U865			
Proportion	Direct proportion	U721, U640, U407, U238			
	Currency conversion	U610			
	Inverse proportion	U357, U364, U138			
Compound Measures	Pressure	U527			

Geometry and measures	Topics	Topic Code	R	Α	G
Shape	Transformations	U196, U799, U696, U519, U134, U766			
Angles	Circle theorems	U459, U251, U489, U130, U808			
Length, area and volume	Area of a rectangle	U993, U934			
	Volume of composite solid	U543			
Pythagoras's Theorem and Trigonometry	Sine and Cosine Rules	U952, U591			

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Probability	Topics	Topic Code	R	Α	G
Probability	Venn diagram	U476, U748			
	Probability from a Venn diagram	U699			

Statistics	Topics	Topic Code	R	Α	G
Diagrams	Box plot	U837			
Measures	Lower and upper quartiles	U837, U642			
Populations	Compare distributions	U507			
	Capture-recapture method				