FOUNDATION TIER - EDEXCEL

Number (*see Ratio – some overlap of topic areas)

	Paper 1	Paper 2	Paper 3
Arithmetic	Money	Money	
			Four Operations
	Negative numbers	Negative numbers	Negative numbers
Fractions	Order fractions, decimals, percentages		
	Fraction of an amount		Fraction of an amount
			One amount as a fraction of another
	Fraction arithmetic	Fraction arithmetic	
		Order fractions	
			Equivalent fractions
Properties	Place value		
		Order integers	
		Multiples	
			Factors
			Lowest Common Multiple
	Product of prime factors		
Powers and roots			Square root
Standard Form	Conversion		
	Calculation		
Approximation and Estimation		Rounding	Rounding
	Estimation		
		Error Intervals	
Other		Mathematical symbols	Calculator use

Algebra

Manipulation	Simplification	Simplification	Simplification
		Expansion of bracket	Expansion of bracket
		Factorisation	Factorisation
	Substitute values		Substitute values
			Change subject of a formula
			Forming an expression
		Laws of indices	
Equations and inequalities			Linear equation
	Linear inequality		
		Linear simultaneous equations	
			Form an equation
	Quadratic equation		
Graphs		Coordinates	
		Straight line graph	
	Quadratic graph		
Functions		Number machines	
Sequences	Linear sequence		Linear sequence

Ratio, proportion, and rates of change (*see Number – some overlap of topic areas)

Conversion	Length	Mass, time, area	Time
			Compound units
		Scale drawing	Scale drawing
Percentages			Percentage to fraction
		Decimal to percentage	
	Percentage of an amount		
	Percentage increase		Percentage decrease
		Percentage profit	
			One quantity as a percentage of another
		Depreciation	
			Reverse percentage
Ratio	Write as a ratio	Write as a ratio	Write as a ratio
	Share in a ratio		
		Use of ratio	
			1 : n form
Proportion	Direct proportion	Direct proportion	Direct proportion
		Currency conversion	
Compound Measures	Speed		
			Average speed
	Density		

Geometry and measures

Shape			Triangle properties
			Quadrilaterals
		Polygons	
			Triangular prism
		Circles	
		Parallel and perpendicular lines	
	Reflection		
		Transformations	
	Plan and elevation		
Angles		Angles in a triangle	Angles in a triangle
		Vertically opposite angles	Vertically opposite angles
			Angle properties of parallel lines
	Angles in a polygon		
			Bearings
Length, area and volume		Area of a rectangle	
			Area of a triangle
			Area of a trapezium
	Volume of a cube		
	Volume of a cylinder		
Pythagoras's Theorem and Trigonometry			Pythagoras's Theorem
	Exact trigonometric values		

Probability

Probability			Probability scale
	Probability		Probability
	Frequency tree		
		Tree diagram	
		Combined events	

Statistics

Diagrams	Pictogram		
	Bar chart		
		Interpret graph	
		Two-way table	
		Frequency table	
	Stem and leaf diagram		
			Frequency polygon
Measures		Mode, median, mean	Median and range
Population			Comparison of distributions

General advice

• In addition to covering the content outlined in the advance information, students and teachers should consider how to:
• manage their revision of parts of the specification which may be assessed in areas not covered by the advance information
• manage their revision of other parts of the specification which may provide knowledge which helps with understanding the areas being tested in 2022. • For specifications with

Subject specific section

• Advance information will be provided for each paper and for each tier of entry.
• The information is presented in approximate specification order and does not reflect the order of the questions.
• Questions may be answerable using one or more of the indicated areas of specification content.
• The areas of content listed are suggested as key areas of focus for revision and final preparation, in relation to the May–June 2022 examinations.
• The aim should still be to cover all specification content in teaching and learning.
• Students may need to draw on prior knowledge and skills.
• Students will still be expected to apply their knowledge to unfamiliar contexts.
• Students responses to questions may draw upon knowledge, skills and understanding from across the content listed when responding to questions.
• Students will be credited for using any relevant knowledge from any other topic areas when answering questions.

This information is the same as the Pearson provided information except that it has been reduced in size to only include information for this specific tier of entry … any queries to support@justmaths.co.uk … www.justmaths.co.uk