Enter these SPARX codes into the Independent Learning area on SPARX to generate questions to help you revise and consolidate your learning.

Autumn 1	SPARX CODE	Autumn 2	SPARX CODE
Ratio 1 (Ratio & Scale)		**FDP 4 (Multiplying & dividing fractions) continued**	
Use Ratio Notation	M885	Dividing an integer by a fraction	M110
To solve problems involving ratio in form 1:n and n:1	M543	Reciprocals	
To solve problems involving ratio in form m:n		Dividing any pairs of fractions	M265
To divide an amount into a given ratio	M525	(H) Multiplying mixed and improper fractions	M197
Simplifying a ratio		(H) Multiplying & dividing algebraic fractions	U457
(H) Write a ratio in the form 1:n		**Graphs 1 (Working in the Cartesian Plane)**	
To compare ratios and fractions	M267	Coordinates in all 4 quadrants	M618
Understand pi as a ratio (circumference of a circle)	M169	Identify & draw vertical and horizontal lines	M797
(H) Gradient as a ratio		y=x	
Ratio 2 (Multiplicative Change)		y=kx	
Solve problems involving direct proportion (scaling recipes)	M478	Explore gradient of y=kx	
Conversion Graphs	M771	Link y=kx to direct proportion	
Currency conversions		y=x+c	M932
Explore direct proportion (graphs & tables)		Explore graphs with negative gradients	M888
Similar Shapes and Scale Factors	M377	Link graphs to linear sequences	
Scale factors as multipliers	M324	**Statistics 1 (Representing Data)**	
Scale Diagrams	M112	Scatter Graphs	M596, M769
Interpret Maps		Identify non-linear relationships	
FDP 4 (Multiplying & dividing fractions)		Types of data	
Representing multiplication of fractions		Ungrouped Frequency tables	M945, M899
Mixed & Improper fractions	M601	Grouped Frequency Tables	M441
Multiplying fractions	M157	Two-way tables	

SPARX codes beginning with an M = Key Stage 3 content, Q = Fundamentals and U = GCSE content. You will need to ensure that you choose the correct curriculum from the drop-down menu in 'Independent Learning' on SPARX.