

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
<b>Sequences 1</b>		<b>Number 1 (Place Value)</b>	
Sequences with patterns	M241	Read & write integers up to 1 billion	M704
Linear & non-linear sequences	M418 M866	Position numbers on a number line	M763
Missing terms in a sequence	M991	Round to powers of 10 & compare integers	M111, M431
<b>Algebra 1 (Algebraic Notation)</b>		Understand place value for decimals	M522
diagrams and Letters with Single Function Machines	M428	Compare and order any number up to 1 billion	
Find the input when given the output	M175	Round to 1 sig fig	M994, M131
Use letters to generalise numbers	M813, M830	Median & range	M934, N328
Single function machines with algebra		(Higher) Standard Form	M719, M678
Find functions from expressions		<b>FDP 1 (Fractions, decimals &amp; percentage equivalence)</b>	
To substitute into an expression	M417	Convert between fractions & decimals (5ths & ¼)	M958
2-step function machines with algebraic expressions	M327	Convert between fractions & decimals (1/8 & 1/1000)	
Find the operation that forms an expression		Convert fluently between FDP	
More complex substitution	M208, M979	To understand percentages	M437
(Higher) Generate a sequence from a rule	M116 M991	Equivalent Fractions	M410
(Higher) Recognise linear & non-linear graphs		Use & interpret a pie chart	M165
<b>Algebra 1 (Equality &amp; Equivalence)</b>		(Higher) Explore fractions >1	M601
Understand equality & equivalence			
Fact Families			
One step equations (+ & -)	M707, M509		
One step equations ( x & ÷)			

SPARX codes beginning with an M = Key Stage 3 content 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.

Like and unlike terms			
Collecting like terms	M795, M531, M949		

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