

Mathematics – Year 8

Learning Intentions Summer Term 2

2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 33 wc 2 nd June	PAZ 3 Revision	PAZ 3 Revision	PAZ3 Assessment
WEEK 34 wc 9 th June	<ul style="list-style-type: none"> To solve simple direct proportion problems. 	<ul style="list-style-type: none"> To solve simple indirect proportion problems. 	<ul style="list-style-type: none"> Recognise and solve problems when values are in direct proportion with a graph.
WEEK 35 wc 16 th June	<ul style="list-style-type: none"> To plot straight line graphs using patterns in co-ordinates e.g. $x = 4$, $y = 3$, $y = x$, $x + y = 6$ 	<ul style="list-style-type: none"> To plot a straight line graph in the form $y = mx + c$ using a table of co-ordinates. 	<ul style="list-style-type: none"> To plot a straight line graph in the form $y = mx + c$ using a table of co-ordinates, where the gradient is negative.
WEEK 36 wc 23 rd June	<ul style="list-style-type: none"> To find the gradient of a straight line. To name a straight line graph using gradient and y – intercept. 	<ul style="list-style-type: none"> To draw a straight line graph in the form $ax + by = c$ by using the x and y intercepts. 	<ul style="list-style-type: none"> To practise naming straight line graphs by looking at properties of reflective symmetry on a co-ordinate grid.
WEEK 37 wc 30 th June	<ul style="list-style-type: none"> To plot a simple quadratic curve in the form $y = x^2 + c$ 	<ul style="list-style-type: none"> To reflect a shape on a co-ordinate grid using the axes as mirror lines, extending to mirror lines such as $x = a$, $y = b$ and $y = x$ / $y = -x$. 	<ul style="list-style-type: none"> To rotate a shape on a co-ordinate grid using the origin as the centre of rotation.
WEEK 38 wc 7 th July	<ul style="list-style-type: none"> To translate a shape on a co-ordinate grid using a vector to describe the translation. 	<ul style="list-style-type: none"> To enlarge a shape on a co-ordinate grid using the origin as the centre of enlargement. To investigate the change in co-ordinates for this enlargement. 	<ul style="list-style-type: none"> To perform combinations of all four transformations.
WEEK 39 wc 14 th July	Enrichment Week	Enrichment Week	Enrichment Week