

**Mathematics Year 11 Foundation
Learning Intentions Spring Term 1**

2024-2025

	LESSON 1	LESSON 2	LESSON 3	LESSON 4
WEEK 17 wc 13 th January	<ul style="list-style-type: none"> Expand double brackets, including squaring single brackets. 	<ul style="list-style-type: none"> Plot graphs of quadratic functions. 	<ul style="list-style-type: none"> Use quadratic graphs to solve problems. 	<ul style="list-style-type: none"> Exam practise Bespoke PAZ review and remedy.
WEEK 18 wc 20 th January	<ul style="list-style-type: none"> Solve quadratic equations $ax^2 + bx + c = 0$ using a graph. 	<ul style="list-style-type: none"> Solve quadratic equations $ax^2 + bx + c = k$ using a graph. 	<ul style="list-style-type: none"> Factorise quadratic expressions. 	<ul style="list-style-type: none"> Exam practise Bespoke PAZ review and remedy.
WEEK 19 wc 27 th January	<ul style="list-style-type: none"> Calculate the circumference of a circle. Solve problems involving the circumference of a circle. 	<ul style="list-style-type: none"> Calculate the circumference and radius of a circle. Work out percentage error intervals. 	<ul style="list-style-type: none"> Work out the area of a circle. Solve problems involving the area of a circle. Give answers in terms of π. 	<ul style="list-style-type: none"> Exam practise Bespoke PAZ review and remedy.
WEEK 20 wc 3 rd February	<ul style="list-style-type: none"> Work out areas of semicircles and quarter circle and perimeters. 	<ul style="list-style-type: none"> Solve problems involving areas and perimeters of composite 2D shapes. 	<ul style="list-style-type: none"> Work out the volume of cylinders. 	<ul style="list-style-type: none"> Exam practise Bespoke PAZ review and remedy.
WEEK 21 wc 10 th February	<ul style="list-style-type: none"> Work out the surface area of cylinders. 	<ul style="list-style-type: none"> Work out the volume of a pyramid and a cone. 	<ul style="list-style-type: none"> Work out the surface area of a pyramid and cone. 	<ul style="list-style-type: none"> Exam practise Bespoke PAZ review and remedy.
FEB Half-Tern	<ul style="list-style-type: none"> Work out the volume and surface area of a sphere. 	<ul style="list-style-type: none"> PAZ 2 Revision 	<ul style="list-style-type: none"> PAZ 2 Exams 	<ul style="list-style-type: none"> PAZ 2 Exams