

Mathematics Year 10 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">Review basic angle properties with straight lines, round a point and inside a triangle.	<ul style="list-style-type: none">Solve geometric problems using side and angle properties of quadrilaterals.	<ul style="list-style-type: none">Identify parallel & perpendicular lines. Understand and use the angle properties of parallel lines.	<ul style="list-style-type: none">Find missing angles using corresponding and alternate angles.
WEEK 18 wc 20 th January	<ul style="list-style-type: none">Solve angle problems in triangles.Understand angle proofs about triangles.	<ul style="list-style-type: none">Calculate the interior angles of regular polygons.Calculate exterior angles of regular polygons.	<ul style="list-style-type: none">Calculate the interior and exterior angles of any polygon.	<ul style="list-style-type: none">Solve angle problems using equations.
WEEK 19 wc 27 th January	<ul style="list-style-type: none">Solve geometrical problems showing reasoning.	<ul style="list-style-type: none">Calculate simple probabilities from equally likely events.	<ul style="list-style-type: none">Use two-way tables to record the outcomes from two events.	<ul style="list-style-type: none">Work out probabilities from sample space diagrams.
WEEK 20 wc 3 rd February	<ul style="list-style-type: none">Find and interpret probabilities based on experimental data.	<ul style="list-style-type: none">Make predictions from experimental data.	<ul style="list-style-type: none">Use Venn diagrams to work out probabilities.	<ul style="list-style-type: none">Understand the language of sets and Venn diagrams.
WEEK 21 wc 10 th February	<ul style="list-style-type: none">Use frequency trees and tree diagrams.	<ul style="list-style-type: none">Work out probabilities using tree diagrams.	<ul style="list-style-type: none">Understand independent events.	<ul style="list-style-type: none">Solve probability problems involving events that are not independent.