Mathematics Year 9

Learning Intentions Spring Term 1   2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 17 wc 13th January	• Use scales on maps and diagrams. • Draw diagrams to scale.	• Use a ruler and compasses to bisect a line segment.	• Use a ruler and compasses to bisect an angle.
WEEK 18 wc 20th January	• Construct accurate triangles.	• Construct accurate nets of solids involving triangles.	• Draw loci for the paths of points.
WEEK 19 wc 27th January	• Use scale diagrams to solve problems.	• Identify mutually exclusive outcomes and events.	• Calculate estimates of probability from experiments. • Decide whether a dice or spinner is unbiased.
WEEK 20 wc 3rd February	• List all the possible outcomes of one or two events in a sample space diagram. • Decide if a game is fair.	• Show all the possible outcomes of two events in a two-way table.	• Calculate probabilities from two-way tables.
WEEK 21 wc 10th February	• Draw Venn diagrams.	• Use the nth term to generate an arithmetic sequence.	• Find and use the nth term of an arithmetic sequence.