

# Mathematics Year 7

## Learning Intentions Spring Term 1

2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 17 wc 13 <sup>th</sup> January	<ul style="list-style-type: none"><li>• Use fraction notation to describe parts of a shape.</li><li>• Compare simple fractions.</li><li>• Order fractions.</li></ul>	<ul style="list-style-type: none"><li>• Change an improper fraction to a mixed number.</li><li>• Identify equivalent fractions.</li><li>• Simplify fractions by dividing numerator and denominator by common factors.</li></ul>	<ul style="list-style-type: none"><li>• Add and subtract simple fractions.</li></ul>
WEEK 18 wc 20 <sup>th</sup> January	<ul style="list-style-type: none"><li>• Calculate simple fractions of quantities.</li><li>• Write one quantity as a fraction of another.</li></ul>	<ul style="list-style-type: none"><li>• Work with equivalent percentages, fractions and decimals.</li></ul>	<ul style="list-style-type: none"><li>• Use different strategies to calculate with percentages.</li></ul>
WEEK 19 wc 27 <sup>th</sup> January	<ul style="list-style-type: none"><li>• Express one quantity as a percentage of another.</li></ul>	<ul style="list-style-type: none"><li>• Use a probability scale with words.</li><li>• Understand the probability scale from 0 to 1.</li></ul>	<ul style="list-style-type: none"><li>• Identify outcomes and equally likely outcomes.</li><li>• Calculate probability based on equally likely outcomes.</li></ul>
WEEK 20 wc 3 <sup>rd</sup> February	<ul style="list-style-type: none"><li>• Calculate more complex probabilities.</li><li>• Calculate the probability of an event not happening.</li></ul>	<ul style="list-style-type: none"><li>• Record data from a simple experiment.</li><li>• Estimate probability based on experimental data.</li></ul>	<ul style="list-style-type: none"><li>• Make conclusions based on the results of an experiment.</li></ul>
WEEK 21 wc 10 <sup>th</sup> February	<ul style="list-style-type: none"><li>• Use probability to estimate the expected number of times an outcome will occur.</li><li>• Apply probabilities from experimental data in simple situations.</li></ul>	<ul style="list-style-type: none"><li>• Use direct proportion in simple contexts.</li><li>• Solve simple problems involving direct proportion.</li></ul>	<ul style="list-style-type: none"><li>• Use the unitary method to solve simple word problems involving direct proportion.</li></ul>