Subject Yearly Overview 2025-2026				
Subject: Maths Year 7	**TOPIC**	**COMPONENT**		***Notes:*** *Why are you delivering this topic at this time of year?*
Autumn 1	Place value Addition and subtraction	Year 4 Read Roman numerals up to 100. Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number. Identify, represent and estimate numbers using different representations including measures.	Year 5 Read Roman numerals up to 1000 (M) and recognise years written in Roman numerals Interpret negative numbers Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000. Count up and back in powers of 10	We start with this topic as children need to familiarise themselves with numbers/ the number system/ the value of digits.
Autumn 2	Addition and subtraction Multiplication and division	<u>Year 4</u> Add and subtract numbers with up to 4 digits, using the formal written methods of columnar addition and subtraction where appropriate. Estimate and use inverse operations to check answers to a calculation Multiply/divide	Year 5 Add and subtract whole numbers with more than 4 digits. Order/compare neg/pos numbers Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.	The children begin to use this knowledge to add/subtract. They build on what they have learned last half term to use the value of digits to add and subtract. They then embed this by solving problems using these 2 operations

			Solve addition and subtraction multi-step problems in context, deciding which operations. Multiply and divide	
Spring 1	Multiplication and division Stats	Year 4 Use place value, and known and derived facts, to multiply and divide mentally, including: multiplying by 0 and 1, dividing by 1, multiplying together three numbers. Recognise and use factor pairs and commutativity in mental calculations. Multiply two-digit and three-digit numbers by a one-digit number using a formal written layout.	Year 5 Multiply numbers up to 4 digits by a one or two-digit number using a formal written method, Divide numbers up to 4 digits by a one-digit number using the formal written method. Recognise and use square numbers Recognise and use cube numbers	This half term the children will look at the next 2 operations – multiplying and dividing. They will use previous knowledge to use formal written methods.
Spring 2	Measure - length, perimeter Fractions Perimeter and area Fractions	Year 4 Convert between different units of measure e.g. kilometre to metre, Measure and calculate the perimeter and area. Recognise and show, using diagrams, families of	Year 5 Convert between different units of metric measure. Measure and calculate the perimeter and area Identify and name equivalent fractions.	This is a nice unit to do some outside learning- measuring perimeters. Easter approaches and therefore we can look at fractions with regards to eggs, ingredients for Easter baking

		common equivalent fractions	Add and subtract fractions with the same denominator	
Summer 1	Fractions Measure Fractions Time Decimals	Year 4 Estimate, compare and calculate different measures, including money in pounds and pence. Read, write and convert time between analogue and digital 12- and 24-hour clocks. Add and subtract fractions with the same denominator.	Year 5 Recognise mixed numbers and improper fractions and convert from one form to the other. Read and write decimal numbers as fractions. Round decimals with two decimal places to the nearest whole number and to one decimal place.	As the seasons change we also look at time and how the clock can be split in to quarters, which then leads nicely on to fractions. From fractions we can then look at decimals.
Summer 2	Geometry Mass and capacity Geometry – property of shape Position and direction	Year 4 Recognise angles as a property of shape or a description of a turn. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe Them.	Year 5 Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Identify angles at a point and one whole turn. Identify angles at a point on a straight line and 1/2 a turn. Identify 3-D shapes, including cubes and other cuboids, from 2-D representations.	This is a good unit to end on. The children enjoy shape and angles etc. As the weather should be good at this time of year we can do outside learning around grids and position etc- maps

		Identify acute and obtuse angles, and compare and order angles up to two right angles by size. Describe positions on a 2-D grid as coordinates in the first quadrant. Describe movements between positions as translations of a given unit to the left/right and up/down.	Identify, describe and represent the position of a shape following a reflection or translation.	