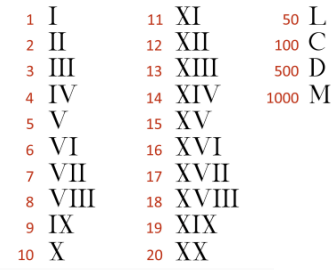
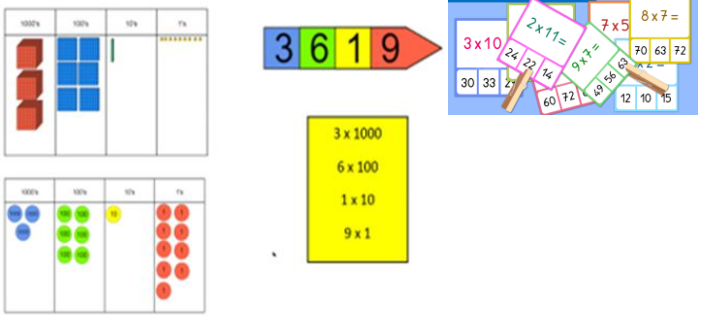
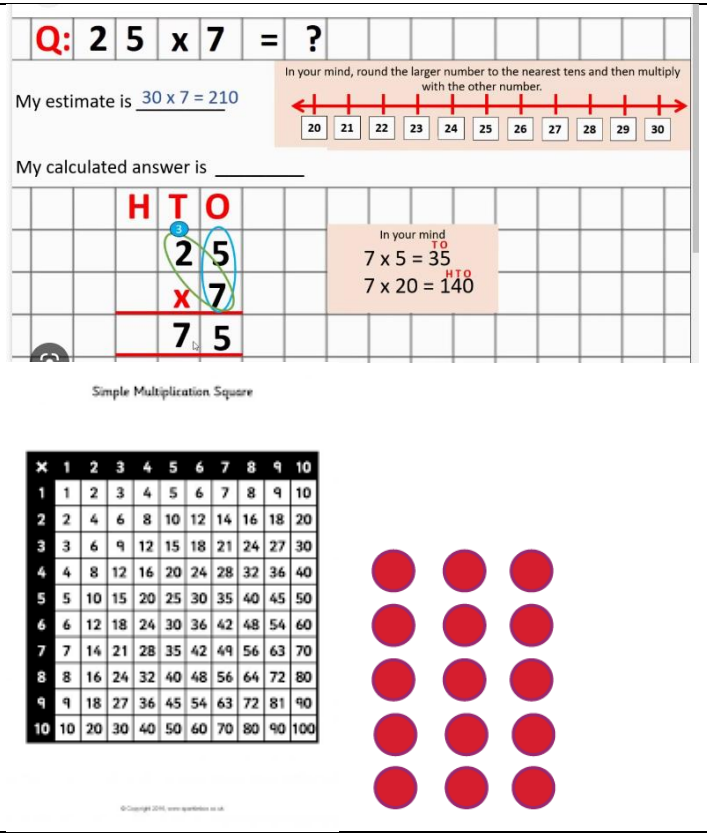
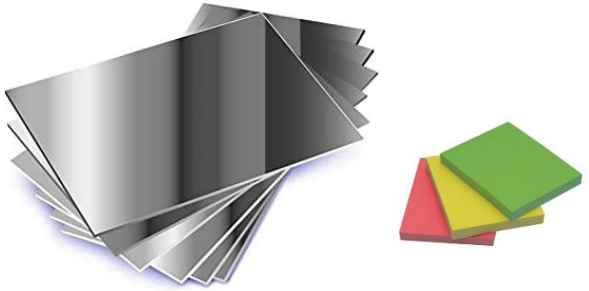
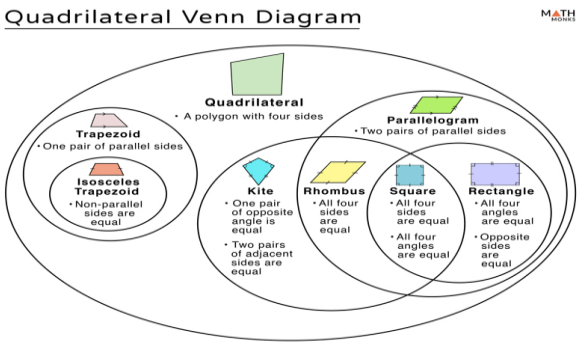
Captain Webb Primary School medium term plan

Year 4

Autumn 2	Strand	Number of weeks	Key knowledge (from the NC)	Learning intentions	Resources and methods (Calculation policy)
	Place Value: Roman Numerals	2	• Knows the symbols for Roman numerals up to C = 100. • Knows the rules of Roman numerals i.e., rule of three symbols, rule of order. • Knows that over time, the numeral system changed to include the concept of zero and place value.	• I know that Romans used a system of letter combinations to represent many numbers. • I know the rules to convert between Roman numerals and Arabic number systems. • I know the rules of Roman numerals i.e., rule of three symbols and the rule of order.	
	Multiplication	3	• Knows and applies table facts for recall of multiplication and division facts for multiplication tables up to 12 × 12. • Knows how to multiply two-digit and three-digit numbers by one-digit numbers using expanded or formal	• I know the effect of multiplying a number by 1 or 0. • I know how to multiply 2 and 3 digit numbers by a 1 digit number using formal written methods. • I know how to multiply multiples of 10 and 100 using place value counters. • I know how to multiply multiples of 10 and 100	

			written methods of short multiplication. • Knows and applies table facts for recall of multiplication and division facts when calculating. • Knows how to find factor pairs. • Knows the distributive law along with commutative and associative laws. • Knows the formal written method of short multiplication with exact answers.	using the expanded written method. • I know how to multiply 2 and 3 digit numbers by a 1 digit number using formal written methods • I know that a number can have multiple factor pairs • I know that I can use factor pairs and commutativity in mental calculations.	

	Geometry	2	• Knows how to describe and classify shapes using mathematical properties. • Knows how to identify acute and obtuse angles. • Knows that two right angles form a straight line. • Knows and is familiar with different orientations of lines of symmetry; and can recognise line symmetry in a variety of diagrams, including where the line of symmetry does not dissect the original shape. • Knows the properties of regular and irregular polygons.	• I know that an acute angle is less than 90 degrees and an obtuse angle is more than 90 degrees. • I know that angles within a shape are a property of the shape that can help identify it. • I know the properties of different types of triangle. • I know the properties of different types of quadrilateral • I know how to classify quadrilaterals based on their properties. • I know how to identify lines of symmetry. • I know how to complete a simple symmetric figure with respect to a specific line of symmetry