year 4 Age Related Expectation (ARE) Statements for Maths	
Place Value	Geometry- Properties of shapes
Order and compare numbers to beyond 1000	Know the names and connected properties of triangles
Round any number to the nearest 10, 100, 1000 and round a number with one dp to the nearest whole number	Know the names and connected properties of quadrilaterals
Know decimals equivalents of 1/2, 1/4, 3/4	Know the definitions of acute and obtuse angles and be able to order angles by size
Know the Roman numerals I, V, X, L, C and that numerical system has changed over time to include a 0	ID and use a line of symmetry to complete a symmetric shape or pattern in different orientations.
Compare and order numbers with the same number of decimal places up to 2dp	Know the definitions of acute and obtuse angles and be able to order angles by size
Count backwards through zero	Measurement
Know the place value headings of 1s, 10s, 100s and 1000s	Read and write time on analogue and digital clocks
Number	Calculate time intervals passing across the hour
Use columnar addition and subtraction with numbers up to four digits	Convert time between analogue and digital 12- and 24-hour clocks
Multiply two- and three-digit numbers by a one-digit number using short multiplication	Know adjacent time facts involving years, months, weeks, days, hours, minutes and seconds
Use the inverse to check answers	Know that area is measured in squares Find areas of rectilinear shapes
Use the law of commutativity to solve missing number problems	Know that perimeter is a measure of length Find perimeters of rectilinear shapes
Number fractions including decimals	Convert between units of measure
	ml- L g-kg mm-cm-m-km
Find families of common equivalent fractions	Geometry- Position and direction
Find fractions of quantities -unit fractions where the answer is a whole number	Plot specified points and draw sides to complete a given polygon
Find quantities of non-unit fractions	Describe movements as movement (L R U D)
Add and subtract fractions with the same denominator	Use coordinates in the first quadrant
Write any number of tenths or hundredths as a decimal	2 3 4 5 6 7 8 9 10 11
Statistics	Know multiplication facts
Present discrete and continuous data using appropriate graphical methods including bar charts and time graphs.	Know division facts Image: Constraint of the second seco
Interpret information presented in bar charts, pictograms, tables and other graphs	