



Medium-term planning Summer 2

YEAR 4

W	Topic	Curriculum objective
1	Mental calculations	<ul style="list-style-type: none"> To estimate and use inverse operations to check answers to a calculation. To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. To recall multiplication and division facts for multiplication tables up to 12×12. To recognise and use factor pairs and commutativity in mental calculations. To solve problems involving multiplying and adding, including using the distributive law and harder multiplication problems such as which n objects are connected to m objects.
2	Measures	<ul style="list-style-type: none"> To convert between different units of measure (kilometre to metre; hour to minute). To measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres. To find the area of rectilinear shapes by counting. To estimate, compare and calculate different measures, including money in pounds and pence. To read, write and convert time between analogue and digital 12- and 24-hour clocks. To solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
3	Written addition and subtraction	<ul style="list-style-type: none"> To add and subtract numbers with up to four digits using the efficient written methods of columnar addition and subtraction where appropriate. To estimate and use inverse operations to check answers to a calculation. To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
4	Mental and written multiplication and division	<ul style="list-style-type: none"> To recall multiplication and division facts for multiplication tables up to 12×12. To use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. To recognise and use factor pairs and commutativity in mental calculations. To multiply two-digit and three-digit numbers by a one-digit number using formal written layout. To solve problems involving multiplying and adding, including using the distributive law and harder multiplication problems such as which n objects are connected to m objects.
5	2D shape, angles and coordinates	<ul style="list-style-type: none"> To compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. To identify acute and obtuse angles and compare and order angles up to two right angles by size. To identify lines of symmetry in 2D shapes presented in different orientations. To describe positions on a 2D grid as coordinates in the first quadrant. To describe movements between positions as translations of a given unit to the left/right and up/down. To plot specified points and draw sides to complete a given polygon.
6	Statistics	<ul style="list-style-type: none"> To interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. To solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and simple line graphs.
Assess and review		<ul style="list-style-type: none"> To assess the half-term's work.