Year 4 Term 4

Week	Objectives	Small Learning Steps
1 and 2	**Geometry** • Revise angles • Identify lines of symmetry in 2-D shapes presented in different orientations. • Complete a simple symmetric figure with respect to a specific line of symmetry. • Compare and classify geometric shapes, including quadrilaterals and triangles**,** based on their properties and sizes. • Describe positions on a 2-D grid as coordinates in the first quadrant. • Plot specified points and draw sides to complete a given polygon. • Describe movements between positions as translations of a given unit to the left/right and up/down.	• Revise names of angles and how to use a protractor. • Identify shapes with 1 line of symmetry. • Identify shapes with more than 1 line of symmetry. • Complete a shape where lines of symmetry are given – symmetry on straight line/on the diagonal. • Sort quadrilaterals by properties including angles/symmetry. • Sort polygons by properties include angles and symmetry. • Plot squares and rectangles on a grid. • Plot shapes where 2 or 3 points are given, and missing coordinates need to be found for squares and rectangles. • Plot triangles on grids and join sides. • Plot other polygons and join sides with a ruler. (could revisit perimeter here) • Show two shapes and discuss translation. • Translate squares and rectangles on a grid and describe movement.
3/4	**Fractions** • Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. • Include fractions of shapes, fractions linked to measures • Solve simple measure problems involving fractions and decimals to two decimal places.	• Revise equivalent fractions • Revise add/subtracting fractions e.g ½ + ¼ • Problem solve ½ of 40 + ¼ of 16 etc.. or ½ of 40 – ¼ of 16 • Problem solve 5/6 of 60 + 2/3 of 30 and same for subtraction • Comparing fractions problems would you rather 3/8 of 80 or 2/5 of 50 • Repeat above with shapes – link to area • Fraction problems with money and measure as above.
5	**Multiplication and division** • Check all times tables facts and division facts by recall. • Problem solving with 1 x 2 digit and 1 x 3 digit, checking answers by division	• Check x and division facts by recall include x 1, x 0. • Check x facts using commutativity. • Empty boxes with facts. • Revisit 1 x 3-digit multiplication and use division to check answers. • Word problems for 1 x 3 multiplication problems and division problems – one step and 2 step. • Word problems linked to measure and time.