

Shape, Measures and Statistics Long term plan - Y5

Week	Topic	Objectives	Vocabulary	Things to revisit
Week 1, 2, 3, 15, 16, 17, 21, 22, 23	Time	Solve problems involving converting between different units of time Complete, read and interpret information in tables, including timetables Revisit Y4 objectives: Convert between different units of measure Read, write and convert time between analogue and digital 12- and 24-hour clocks	seconds, minutes, hours, days, weeks, months, years, later, earlier, leave, depart, arrive, 24 hour, 12 hour, analogue, digital, conversions.	
Week 4, 5, 24, 25	Statistics	Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables	bar chart, line graph, x-axis, y-axis, quadrant, vertical, horizontal, continuous, data, discrete, rows, columns.	
Week 6,7, 26, 27	Angles	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles Draw given angles, and measure them in degrees (°)	Vertices, vertex, angles, right angles, acute, obtuse, reflex, measure of rotation, whole turn, straight line. Degrees, cube, cuboid, prism, protractor.	
Week 8, 9, triangles 10, 11, 12 quads 28, 29	Properties and names of triangles and quadrilaterals (building/recapping Year 4)	Use the properties of rectangles to deduce related facts and find missing lengths and angles Distinguish between regular and irregular polygons based on reasoning about equal sides and angles Revisit Y4 objectives: Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	net, 3D, 2D, dimensions, cube, cuboid, prism, face, vertex, vertices, polygon, regular, irregular, sides, dimension(s), length, width, angles, degrees, difference, rectilinear, [triangles, right-angled, scalene, equilateral, isosceles, kite, rhombus, square, rectangle, trapezium, parallelogram, arrow head, quadrilateral].	
Week 13, 14, 30, 31	Properties of 2D & 3D Shapes	Identify 3-D shapes, including cubes and other cuboids, from 2-D representations Distinguish between regular and irregular polygons based on reasoning about equal sides and angles Revisit Y4 objectives: 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.	net, 3D, 2D, dimensions, cube, cuboid, prism, face, vertex, vertices, polygon, regular, irregular, sides, dimension(s), length, width, angles, degrees, difference, rectilinear, [triangles, right-angled, scalene, equilateral, isosceles, kite, rhombus, square, rectangle, trapezium, parallelogram, arrow head, quadrilateral].	
Week 18, 19, 20, 32, 33, 34	Coordinates / Reflections / Translations	Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed Revisit Y4 objectives: Describe positions on a 2-D grid as coordinates in the first quadrant Plot specified points and draw sides to complete a given polygon.	Over, underneath, above, below, top, bottom, side, out, in, outside, inside, around, in front, behind, before, after, beside, next to, opposite, apart, between, middle, edge, centre, corner, direction, journey, route, map, plan, higher, lower, sideways, across, close, far, near, along, through, to, from, towards, away, ascend, descend, grid, row, column, origin, coordinates; horizontal; vertical; diagonal; parallel; perpendicular; x axis; y axis; reflection, translation, symmetry, axis, axes, dimensions, reflect, line of symmetry, mirror line, position, shape.	
Week 35, 36, 37, 38, 39	Consolidation and teaching to gaps from assessments			