Maths –
Whole School Overview

SILVERDALE PRIMARY ACADEMY

Becoming the Ultimate...

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Numbers to 10 Shape	Numbers to 20 Patterns	Shape & Space Working with numbers to 10	Time Doubling & Halving	Measures Addition & Subtraction	Problem Solving Consolidation
1	Number & Place Value	Addition & Subtraction	Multiplication & Division	Shape Position & Direction	Fractions	Time Consolidation
2	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions Shape	Shape SATs Consolidation	Position & Direction Statistics
3	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions	Time	Shape Position & Direction
4	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions & Decimals Statistics	Time	Shape Position & Direction
5	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions, Decimals & Percentages	Time Statistics	Geometry Consolidation
6	Number & Place Value	Fractions & Decimals Statistics	Algebra Shape	Revision	SATs Statistics	Investigations

Properties of Shape

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Progressive Skills		**Recognise and name common 2-D shapes e.g. rectangles (including squares), circles and triangles.** **Recognise and name common 3-D shapes e.g. cuboids (including cubes), pyramids and spheres.**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. Identify 2-D shapes on the surface of 3-D shapes e.g. a circle on a cylinder and a triangle on a pyramid. **Compare and sort common 2-D and 3-D shapes and everyday objects.**	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. Recognise angles as a property of shape or a description of a turn. **Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.** Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	**Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.** Identify acute and obtuse angles, and compare and order angles up to two right angles by size. **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. Begin to recognise where angles are greater than two right angles. Know the term straight angle, referring to two right angles together. Begin exploring line symmetry with	Identify 3-D shapes, including cubes and other cuboids, from 2-D representations. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. **Draw given angles and measure them in degrees (°).** Identify angles at a point and one whole turn (total 360°). Identify angles at a point on a straight line and 1/2 a turn (total 180°). Identify other multiples of 90°. Use the properties of rectangles to deduce related facts and find missing lengths and angles. **Distinguish between regular**	Draw 2-D shapes using given dimensions and angles. Recognise, describe and build simple 3-D shapes, including making nets. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Recognise angles where they meet at a point, are on a straight line, or are vertically

					two lines of symmetry.	**and irregular polygons based on reasoning about equal sides and angles.**	opposite, and find missing angles.