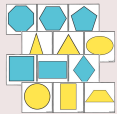


Year 3

Summer

- I make 3D shapes using modelling materials; recognise 3D shapes in different orientations; and describe them
- I draw 2D shapes I recognise angles are a property of shape or a description of a turn
- I identify right angles, recognise that two right angles make a half-turn, three make three quarters and four a complete turn
- I identify whether angles are greater than or less than a right angle I identify horizontal and vertical lines and pairs of perpendicular and parallel lines

White
Rose
Maths



Year 1

Autumn

I recognise and name common 2D shapes including circles, rectangles (including squares) and triangles
I recognise and name common 3D shapes including cuboids (including cubes), pyramids and spheres

Summer

I can describe position, direction and movement including half, quarter and three-quarter turns

Rec

Reception

Autumn

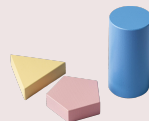
- I can sort objects according to the same rule

Spring

- I can recognise and use appropriate vocabulary to describe the position of an object
- I can use appropriate directional language
- I can confidently recognise and name 2D shapes and their properties
- I am becoming familiar with 3D shapes and begin recognising and naming them in the environment

Summer

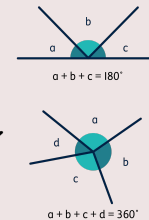
- I can copy, continue and create a pattern that uses items more than once



PROBLEM
SOLVING



Geometry



Year 2

Spring

- I identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line
- I identify and describe the properties of 3D shapes, including the number of edges, vertices and faces
- I identify 2D shapes on the surface of 3D shapes.
- I compare and sort common 2D and 3D shapes and everyday objects
- I order and arrange combinations of mathematical objects in patterns and sequences

Summer

- I use mathematical vocabulary to describe position, direction and movement, including movement in a straight line distinguishing between rotation as a turn, and in terms of right angles for a quarter, half and three-quarter turns (clockwise and anti-clockwise)

Year 4

Year 4

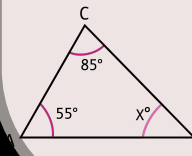
Summer

- I identify acute and obtuse angles, and compare and order angles up to two right angles by size I compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- I identify lines of symmetry in 2D shapes presented in different orientations
- I complete a simple symmetric figure with respect to a specific line of symmetry
- I describe positions on a 2D grid as coordinates in the first quadrant
- I describe positions on a 2D grid as coordinates in the first quadrant
- I describe movements between positions as translations of a given unit to the left/right and up/down

Year 5

Summer

- I know angles are measured in degrees I estimate and compare acute, obtuse and reflex angles
- I identify angles at a point on a straight line and 1/2 a turn (total 180°); and I identify angles at a point; one whole turn (total 360°) and other multiples of 90°
- I draw given angles, and measure them in degrees



Year 5

Year 6

Year 6

Summer

- I compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- I draw 2D shapes using given dimensions and angles
- I recognise, describe and build simple 3D shapes, including making nets
- I recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles
- I illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius