Knowledge Organiser

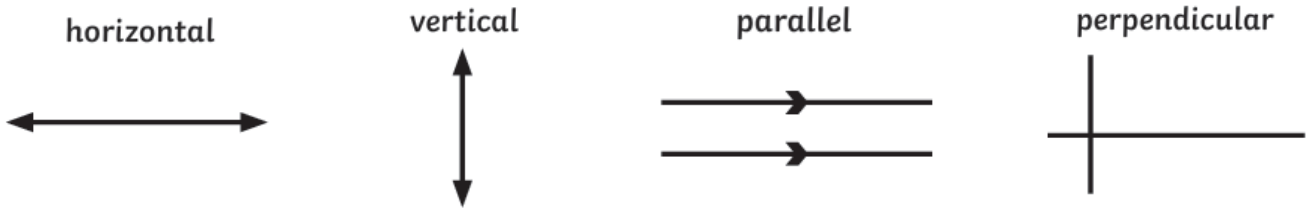
Geometry

Year 3 | Properties of Shape

In Year 3, we learn more about angles. An angle is created when two straight lines meet at a point or intersect. We can use our knowledge of angles when describing the properties of a shape. A polygon is a shape with 3 or more straight sides. They can be regular or irregular.

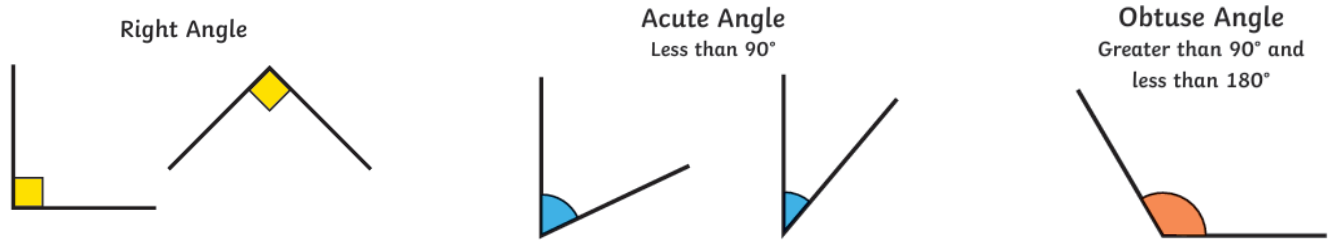
Builds from Year 2:	This year:	Leads to Year 4:
Identify 2D and 3D shapes. Compare and sort 2D and 3D shapes.	Identify horizontal, vertical, perpendicular and parallel lines. Compare angles and identify right angles. Identify the properties of 2D and 3D shapes. Draw 2D shapes.	Compare and classify geometric shapes. Identify acute and obtuse angles. Lines of symmetry.

Types of Lines

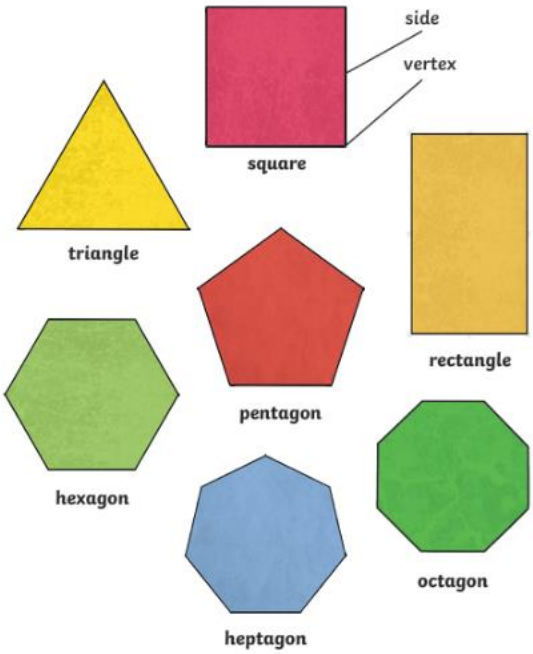


Angles

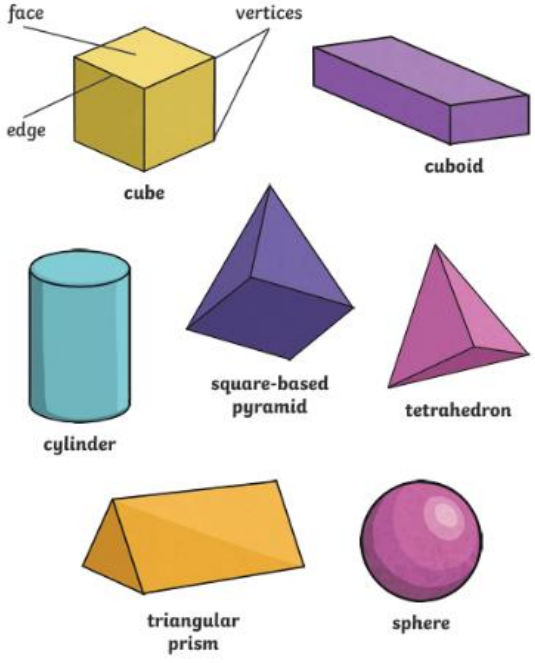
Angles are measure in degrees.



Properties of 2D Shapes



Properties of 3D Shapes



Key Vocabulary

quarter turn half turn three-quarter turn angle right angle acute obtuse reflex horizontal vertical parallel perpendicular polygon regular irregular flat/curved face edge vertex vertices apex two-dimensional three-dimensional