



St John Fisher RC Primary School

Year 6 Maths Knowledge Organiser

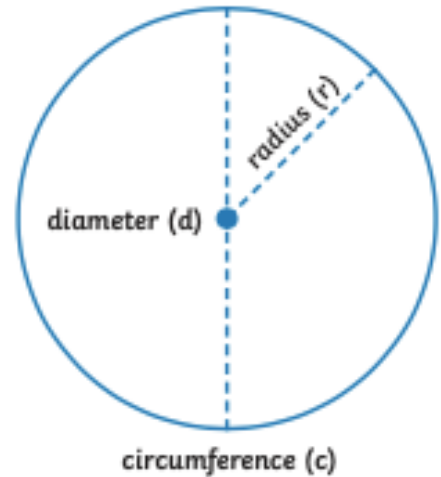
Summer – Properties of Shape – Circles

Objectives	Teacher
<ul style="list-style-type: none"> I can illustrate and name parts of circles, including radius, diameter and circumference. I know that the diameter is twice the radius. 	

Circles

A circle is a 2D shape. The perimeter of a circle is called the **circumference** (c). The distance across the circle, passing through the centre, is called the **diameter** (d).

The distance from the centre of the circle to the circumference is called the **radius** (r).



$$r \times 2 = d$$

$$\frac{d}{2} = r$$

Key Vocabulary

circle	A round shape figure that has no corners or edges.
perimeter	The length of the outside line of a shape.
area	The amount of space that a 2D shape takes up.
circumference	The distance around the outside of a circle.
diameter	A straight line that passes through the middle of a circle that touches both sides of the circumference.
radius	The half way distance across a circle.
Pi (π)	The ratio of a circles circumference to its diameter. A circumference is always 3 and a bit times the length of a circles diameter (pi is approximately equal to 3.14150).

Assessment

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