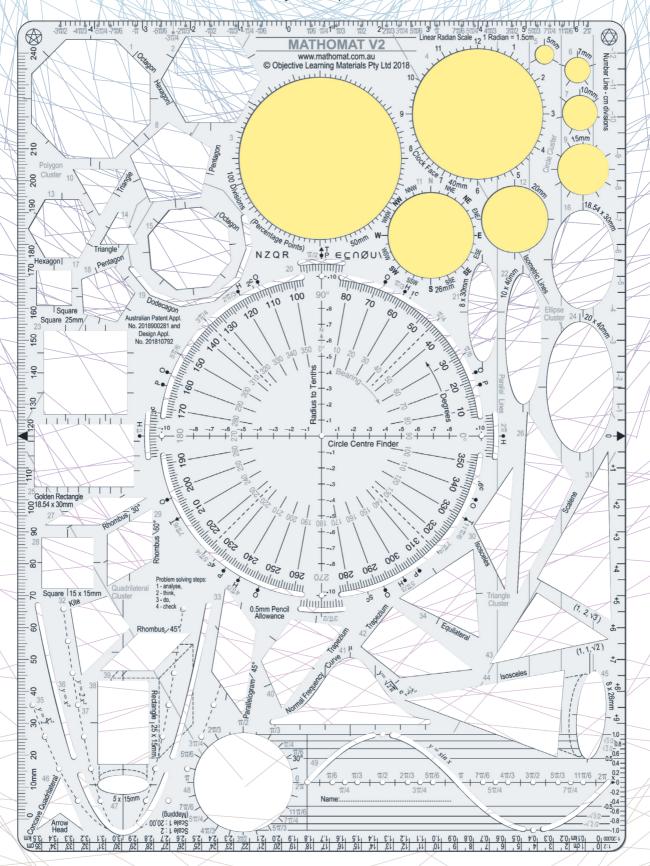
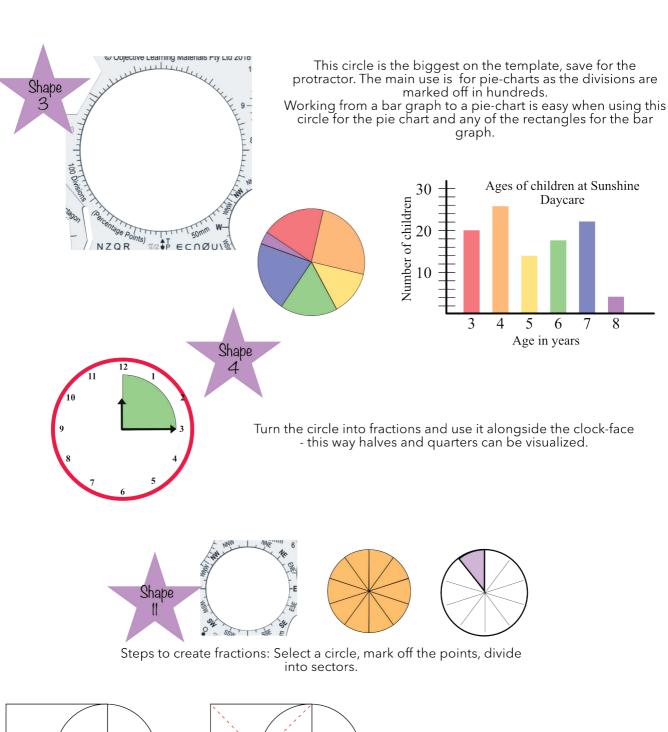
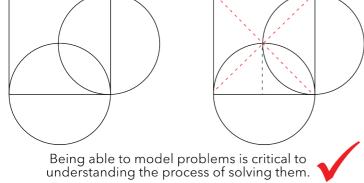
The Circles

A variety with specific uses



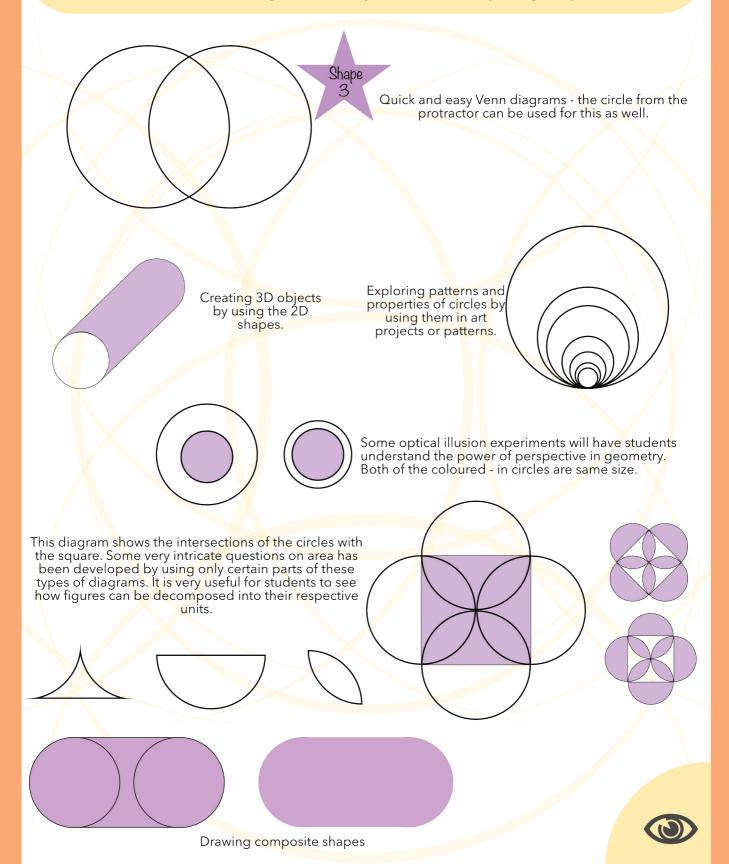






Circles Examples

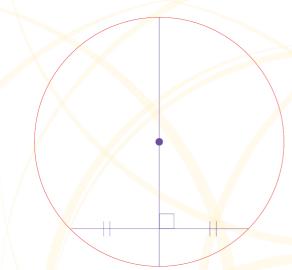
Patterns, Venn-diagrams, 3D objects and Decomposing Shapes



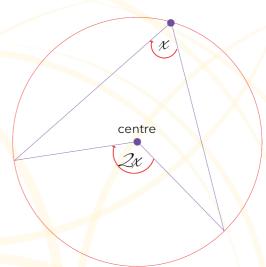
Circles Examples

Euclidean Geometry and Modelling some Circle Theorems

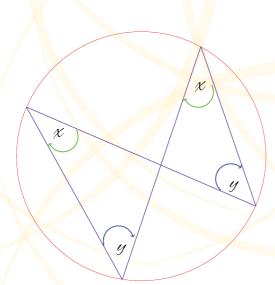
Shape



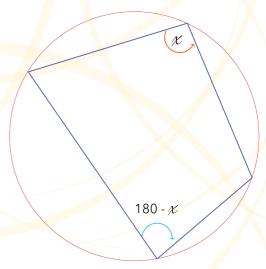
A line drawn from the centre of a circle to the midpoint of a chord is perpendicular to the chord.



The angle subtended by an arc at the centre of a circle is double the size of the angle subtended by the same arc on the circle's circumference.



Angles subtended by the same arc of the circle in the same segment are equal.



The opposite angles of a cyclic quadrilateral are supplementary.

Have the students first draw the diagrams and measure angles. See if they can come to the conclusion of the Theorem by themselves.

