## **Curriculum Outcomes:**

(SS1) Solve problems and justify the solution strategy using circle properties, including: the perpendicular from the centre of a circle to a chord bisects the chord; the measure of the central angle is equal to twice the measure of the inscribed angle subtended by the same arc; the inscribed angles subtended by the same arc are congruent; a tangent to a circle is perpendicular to the radius at the point of tangency.

## **Student Friendly:**

How angles found at the centre of a circle are related to angles formed by two chords found inside the circle.

















