

Unit 9: Angle Relationships in Circles	~February 21-March 5	
Standards: G.11 The student will solve problems, including practical problems, by applying properties of circles. This will include determining a.) angle measures formed by intersecting chords, secants, and/or tangents; c.) arc length; and d.) area of a sector.		
Topic	I can...	Resources
Circle Basics	<ul style="list-style-type: none"> ✓ name and identify the radii, diameters, arcs, chords, tangents, secants, and intercepted arcs in a circle. 	From Khan Academy https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-measures/v/intro-arc-measure
Circumference and Area	<ul style="list-style-type: none"> ✓ determine arc length. ✓ find the area of a sector. 	https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-length-deg/v/length-of-an-arc-that-subtends-a-central-angle
Angle Measures in Circles	<ul style="list-style-type: none"> ✓ find the measures of central angles and their intercepted arcs. ✓ to find the measures of inscribed angles and their intercepted arcs. ✓ find the measures of angles formed by chords, tangents, and secants. 	https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-sectors/v/area-of-a-sector-given-a-central-angle?modal=1 https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-inscribed-angles/v/inscribed-angles-exercise-example From OPHS https://www.youtube.com/watch?v=GRTREopbVhc https://www.youtube.com/watch?v=q3EoNYSiGA4 Sample Assessment/Review with Solutions Unit 9 Review.pdf Unit 9 Review KEY.pdf

