Instructional Flow – Unit 8 Circles

9.1	**Chords and Arcs**
	• measures of arcs
	• the chords and arcs theorem

9.2	**Tangents to Circles**
	• secants and tangents
	• the tangent theorem and its converse

9.3	**Inscribed Angles and Arcs**
	• relationship between an inscribed angle and its intercepted arc

9.4	**Angles Formed by Secants and Tangents**
	• vertices on, outside, and inside the circle

9.5 (Optional Enrichment)	**Segments of Tangents, Secants, and Chords**
	• segment relationships in circles

9.6 (Optional Enrichment)	**Circles in the Coordinate Plane**
	• standard form of the equation of a circle
	• translations in the plane

IG	**Areas of Sectors and Segments or Circles**
	• areas as a fraction of the area of the circle
	• areas as the difference between the area of a segment and a triangle

IG	**Loci**
	• definition of locus
	• determining loci