Geometry Level 1 - *Modified from [Unit F - Circles](#)*

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Inscribed and Circumscribed Polygons, Power Theorems, Circumference and Arc Length

Vocabulary: Inscribed, circumscribed

Skills: Recognizing Inscribed and circumscribed polygons. Applying the relationship between opposite angles of an inscribed quadrilateral, identifying the characteristics of an inscribed parallelogram, applying the power theorem, determining circle circumference and arc length.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: 10.7 Inscribed and Circumscribed Polygons	Khan Videos: Inscribed quadrilaterals proof (video) Solving inscribed quadrilaterals (video)	Inscribed quadrilaterals (practice)
Tuesday: 10.8 The Power Theorems	10.8 Power Theorems video	Bookwork: Pages 495-496, #'s 1, 2, 3, 5, 9
Wednesday: 10.9 Circumference and Arc Length	Khan Videos: Arc length from subtended angle Subtended angle from arc length	Khan Assignment: Practice Arc Length
Thursday: Review	Review Ch 10 Worksheets Smartboard Review Lesson pdf	Google Form
Friday: Wrap/Review	Optional Live Class Meeting	End of Module Check-In

Week criteria for success (attach student checklists or rubrics):
- Recognizing Inscribed and circumscribed polygons
- Applying the relationship between opposite angles of an inscribed quadrilateral
- Applying the Power Theorem,
- Determining circle circumference and arc length.

Supportive resources and tutorials for the week (plans for re-teaching): Khan Academy, Kuta Software worksheets, Office Hours
- Circle Definitions Overview