Name: Thompson	Grading Quarter: 7	Week Beginning: 3/31/25
School Year: 24/25	Subject: Geometry	

Monday	Notes: **Module 10 - Intro**	Objective: SWBAT apply knowledge of Properties of Circles in practice problems. Lesson Overview: • Direct instruction- Learn *Intro to Circles* (page 1 in Circles packet) • Direct instruction - Learn parts of a circle notes (page 2 in packet) • Complete parts of a Circle Practice sheet (pg.3) #1-3 Direct instruction • If time complete 2nd parts of a circle Practice (pg.4) <u>Important VOCAB</u>: circle, center of the circle, radius, chord, diameter, secant line, tangent line/point of tangency, arc, sector	<u>Academic Standards:</u> **G.C.1** Prove that all circles are similar. **G.C.2** Identify and describe relationships among inscribed angles, radii, and chords.
Tuesday	Notes: **Module 10-4**	Objective: SWBAT solve problems using inscribed angles. Lesson Overview: • Learn Central and Inscribed angles notes (DI) pg. 5 in packet. • Complete Central and Inscribed Angles practice problems (1-6 teacher led) • If time complete 2nd practice sheet using central and inscribed angles of circles.	<u>Academic Standards:</u> **G.C.2** Identify and describe relationships among inscribed angles, radii, and chords. **G.C.3** Construct the inscribed and circumscribed circles of a triangle, and prove properties of angles for a quadrilateral inscribed in a circle.

Wednesday	Notes: **Module 10-2**	Objective: SWBAT find measures of angles and arcs using the properties of circles. Lesson overview: • Learn Vertex Inside and Outside Angles of Circles notes (DI) pg. 8 in packet) • Direct instruction examples 1-4 (pg. 8) • Complete practice problems (pg.9) • KAHOOT if time	Academic Standards: **G.C.2** Identify and describe relationships among inscribed angles, radii, and chords. **G.C.5** Derive using similarity the fact that the length of the arc intercepted by an angle is proportional to the radius, and define the radian measure of the angle as the constant of proportionality; derive the formula for the area of a sector. Convert between degrees and radians.
Thursday	Notes: **Module 10-5**	Objective: SWBAT solve problems using relationships between circles and tangents. Lesson Overview: • Learn tangent properties notes Direct Instruction (packet pg. 12) • Complete page 13 as whole group- examples with angle measures • Complete practice problems individually or groups (pg. 14)	Academic Standards: **G.C.4** Construct a tangent line from a point outside given in a circle to the circle. **G.CO.13** Construct an equilateral triangle, a square, and a radular hexagon inscribed in a circle.
Friday	Notes:	PD- day (no school)	Academic Standards: