Name: Mrs. Woods		Grading Quarter: 2	Week Beginning: 11/27/23
School Year: 23-24		Subject: Precalculus	
Monday	Notes:	Objective: Students will be able to graph circles. Lesson Overview: Notes – standard vs general form, vertex, radius, tangent examples Circle patterns on Desmos activity	Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant.
Tuesday	Notes:	Objective: Students will be able to graph ellipses. Lesson Overview: Notes – standard vs general form, vertices, co-vertices, major vs minor axis	Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant. .
Wednesday	Notes:	Objective: Students will be able to graph hyperbolas. Lesson Overview: Notes – standard vs general form, vertices, co-vertices, major vs minor axis, asymptotes	Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant.
Thursday	Notes:	Objective: Students will be able to graph circles, ellipses, and hyperbolas. Lesson Overview: Students will practice in groups on whiteboards. All conic sections will be mixed together in the review problems.	Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant.

Friday	Notes:	Objective: Students will be able to identify conic sections from general and standard equations. Lesson Overview: U6 L1 Quiz Watch “Whispering Gallery” video to discuss application of ellipses	Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant.