	Name: Mrs. Woods	Grading Quarter: 2	Week Beginning: 12/04/23
School Year: 23-24		Subject: Precalculus	

		Notes:		
Monday	Notes:	Objective: Students will be able to graph parametric equations. Lesson Overview: Notes – parameters, eliminating the parameter, finding horizontal and vertical components, with and without technology		Academic Standards: P.N-VM.A.2 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. P.N-VM.A.3 Solve problems involving velocity and other quantities that can be represented by vectors.
Tuesday	Notes:	Objective: Students will be able to graph polar points and equations. Lesson Overview: Notes – conversion equations for polar to rectangular (Cartesian) and back, hanout of basic graph shapes		Academic Standards: P.N-VM.A.2 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. P.N-VM.A.3 Solve problems involving velocity and other quantities that can be represented by vectors.
Wednesday	Notes:	Objective: Students will be able to graph polar points and equations. Lesson Overview: Notes – Use Desmos to graph complicated examples Timed Trig Quiz #3 – 8 seconds per problem		Academic Standards: P.N-VM.A.2 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. P.N-VM.A.3 Solve problems involving velocity and other quantities that can be represented by vectors.

Thursday	Notes:	Objective: Students will be able to show mastery of Unit 6 concepts. Lesson Overview: U6 "Trashketball" review with teacher-created questions	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. P.N-VM.A.2 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. P.N-VM.A.3 Solve problems involving velocity and other quantities that can be represented by vectors.
Friday	Notes:	Objective: Students will be able to graph polar points and equations. Lesson Overview: U6 Test	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. P.N-VM.A.2 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. P.N-VM.A.3 Solve problems involving velocity and other quantities that can be represented by vectors.