Name: Woods			Grading Quarter:1	Week Beginning: 8/19/24
School Year: 24-25			Subject: Precalculu	JS
Monday	Notes:	No school		
Tuesday	Notes:	Objective: Students can function result in chan Lesson Overview: Notes: Shifts, stretches positive and negative i by hand and with tech to investigate and "pol in pairs.	n identify how changes ir ges to a graph. 5, and reflections using ntegers. Graph examples nology. Use Desmos.com ygraph" activity to practi	 Academic Standards: A2.F-BF.B.3 Identify the effect on the graph of replacing f(x) by f(x) + k, k*f(x), f(kx), and f(x + k) for specified values of k (both positive and negative); find the values of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graphs using technology. Include recognizing even and odd functions from their graphs and algebraic expressions for them. Functions include linear, quadratic, exponential, polynomial, logarithmic, rational, sine, cosine, tangent, square root, cube root, and piecewise-defined functions.
Wednesday	Notes:	Objective: Students can function result in chan Lesson Overview: Use student.desmos.co transformations on Ma	n identify how changes ir ges to a graph. om to practice arbleslides	 Academic Standards: A2.F-BF.B.3 Identify the effect on the graph of replacing f(x) by f(x) + k, k*f(x), f(kx), and f(x + k) for specified values of k (both positive and negative); find the values of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graphs using technology. Include recognizing even and odd functions from their graphs and algebraic expressions for them. Functions include linear, quadratic, exponential, polynomial, logarithmic, rational, sine, cosine, tangent, square root, cube root, and piecewise-defined functions.

	Notes:	Objective: Students will be able to determine the	Academic Standards:
		end behavior of an even or odd function.	A2.F-IF.B.4 For a function that models a
			relationship between two quantities, interpret
			key features of graphs and tables in terms of
		Lesson Overview:	the quantities, and sketch graphs showing key
		Notes: Define the terms even, odd, and neither in	features given a verbal description of the
ユ		terms of a graph's shape with graph examples.	relationship. Include problem-solving
lur		Discuss symmetry of graphs across an axis or the	opportunities utilizing real- world context. Key
bs		origin.	features include: intercepts, intervals where the
ay		Discuss infinity as a concept, rather than a	function is increasing, decreasing, positive, or
		number.	negative; relative maximums and minimums;
			symmetries; end behavior; and periodicity.
			Functions include linear, quadratic, exponential,
			polynomial, logarithmic, rational, sine, cosine,
			tangent, square root, cube root, and piecewise-
			defined functions.
	Notes:	Objective: Students will be able to determine the	Academic Standards:
	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function.	Academic Standards: A2.F-IF.B.4 For a function that models a
	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function.	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret
	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function.	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of
	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview:	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key
	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: This is a continuation of previous day's lesson	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the
Π	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: This is a continuation of previous day's lesson	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving
Fric	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: This is a continuation of previous day's lesson	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: This is a continuation of previous day's lesson	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums;
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity.
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. Functions include linear, quadratic, exponential,
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. Functions include linear, quadratic, exponential, polynomial, logarithmic, rational, sine, cosine,
Friday	Notes:	Objective: Students will be able to determine the end behavior of an even or odd function. Lesson Overview: <i>This is a continuation of previous day's lesson</i>	Academic Standards: A2.F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Include problem-solving opportunities utilizing real- world context. Key features include: intercepts, intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. Functions include linear, quadratic, exponential, polynomial, logarithmic, rational, sine, cosine, tangent, square root, cube root, and piecewise-