UNIT 1 - LESSON PLANS

Class	PreCalculus	Торіс	Extrema and Average Rates of Change	Lesson	4	Of	1	
		Stud	Jents will:					
Objective			 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. Key features include: intercepts; intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. Estimate the rate of change from a graph 					
"I Can" Statement		I can 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. Key features include: intercepts; intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. I can calculate and interpret the average rate of change of a function						
		(pre rate	esented symbolically or as a table) over a specified of change from a graph.	d interval. E	Stim	1ate t	he	

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	CCSS.MATH.CONTENT.HSF.IF.C.9
	Compare properties of two functions each represented in a different way
	(algebraically, graphically, numerically in tables, or by verbal descriptions). For
	example, given a graph of one quadratic function and an algebraic expression
	for another, say which has the larger maximum.
	CCSS.MATH.CONTENT.HSF.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
Common Core	showing key features given a verbal description of the relationship. Key features
Standards	include: intercepts; intervals where the function is increasing, decreasing,
Standards	positive, or negative; relative maximums and minimums; symmetries; end
	behavior; and periodicity.*
	CCSS.MATH.CONTENT.HSF.IF.B.6
	Calculate and interpret the average rate of change of a function (presented
	symbolically or as a table) over a specified interval. Estimate the rate of change
	from a graph.*
	CCSS.MATH.CONTENT.HSF.IF.C.7.A
	Graph linear and guadratic functions and show intercepts, maxima, and minima.
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UNIT 1 - LESSON PLANS

Bell **Work**

See 1-4 Bell work

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	Bell Work 1-4
Assessment	Assignment 1-4
	Exit Quiz 1-4

Additional Resources See Online Activities

