Name: Woods		Grading Quarter:1	Week Beginning: 9/16/24
School Year: 24-25		Subject: AP Calculus AB	
Monday	Notes:	Objective: Students will be able to take the derivative of a trig function. Lesson Overview: Notes: Give the rules for derivatives of sin x, cos x, tan x, etc. Look at examples both graphically and algebraically. Include examples of finding both normal and tangent lines. Break class into smaller groups and have them work problems on large whiteboards.	Academic Standards: AP Calculus AB 2.7 Derivatives of cos x, sin x, e x , and ln x 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Tuesday	Notes:	Objective: Students will be able to take the derivative of a trig function. Lesson Overview: *Continuation of yesterday's lesson.* Focus on AP examples (both MCQ and FRQ) of finding trig derivatives.	Academic Standards: AP Calculus AB 2.7 Derivatives of cos x, sin x, e x , and ln x 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Wednesday	Notes:	Objective: Students will be able to show mastery of Chapter 2 concepts in the review game. Lesson Overview: Class will play "elimination" with textbook problems from the end of the chapter.	Academic Standards: AP Calculus AB 2.1 Defining Average and Instantaneous Rates of Change at a Point 2.4 Connecting Differentiability and Continuity: Determining When Derivatives Do and Do Not Exist 2.5 Applying the Power Rule 2.6 Derivative Rules: Constant, Sum, Difference, and Constant Multiple 2.7 Derivatives of cos x, sin x, e x , and ln x 2.8 The Product Rule 2.9 The Quotient Rule

Thursday	Notes:	Objective: Students will be able to show mastery of Chapter 2 concepts. Lesson Overview: Independent review with textbook problems from the end of the chapter.	Academic Standards: AP Calculus AB 2.1 Defining Average and Instantaneous Rates of Change at a Point 2.4 Connecting Differentiability and Continuity: Determining When Derivatives Do and Do Not Exist 2.5 Applying the Power Rule 2.6 Derivative Rules: Constant, Sum, Difference, and Constant Multiple 2.7 Derivatives of cos x, sin x, e x , and ln x 2.8 The Product Rule 2.9 The Quotient Rule
Friday	Notes:	Objective: Students will be able to show mastery of Chapter 2 concepts on the assessment. Lesson Overview: Students will take the Chapter 2 assessment for the entire period.	Academic Standards: AP Calculus AB 2.1 Defining Average and Instantaneous Rates of Change at a Point 2.4 Connecting Differentiability and Continuity: Determining When Derivatives Do and Do Not Exist 2.5 Applying the Power Rule 2.6 Derivative Rules: Constant, Sum, Difference, and Constant Multiple 2.7 Derivatives of cos x, sin x, e x , and ln x 2.8 The Product Rule 2.9 The Quotient Rule