

Name: Mrs. Woods		Grading Quarter: 1	Week Beginning: 9/30/24
School Year: 24-25		Subject: AP Calculus AB	
Monday	Notes:	<p>Objective: Students will be able to identify when implicit differentiation is needed on an equation.</p> <p>Lesson Overview: Notes – what is implicit differentiation and how is it like the chain rule? Use Leibniz notation to help students understand the layers of the composite functions.</p>	Academic Standards: 3.2 Implicit Differentiation 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Tuesday	Notes:	<p>Objective: Students will be able to identify when implicit differentiation is needed on an equation.</p> <p>Lesson Overview: <i>This is a continuation of yesterday's lesson.</i> Notes – practical applications of implicit differentiation, AP examples, particle motion (when a particle is speeding up or slowing down)</p>	Academic Standards: 3.2 Implicit Differentiation 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Wednesday	Notes:	<p>Objective: Students will be able to use the chain rule to differentiate functions.</p> <p>Lesson Overview: Open note chain rule quiz on lesson 3.1</p>	Academic Standards: 3.2 Implicit Differentiation 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Thursday	Notes:	<p>Objective: Students will be able to show mastery of the unit circle.</p> <p>Lesson Overview: Kahoot: Unit Circle Trig (warm up) Timed Unit Circle Quiz</p>	Academic Standards: 3.2 Implicit Differentiation 1.E Apply appropriate mathematical rules or procedures, with and without technology.
Friday	Notes:	No school	