

Name: Woods		Grading Quarter: 3	Week Beginning: 1/8/24
School Year: 23-24		Subject: AP Calc BC	
Monday	Notes:	No school	Academic Standards:
Tuesday	Notes:	<p>Objective: Students will be able to review Calculus AB topics.</p> <p>Lesson Overview: "Calc 1 in a Day" review Hand out topic lists and textbooks Discuss structure of the test and preparation for AP test in May</p>	<p>Academic Standards:</p> <p><i>All AP Calculus AB standards</i></p>
Wednesday	Notes:	<p>Objective: Students will be able to use Euler's method to approximate the solution to a differential equation.</p> <p>Lesson Overview:</p> <p>Introduction to Euler's method with video clip from <i>Hidden Figures</i> Basic examples Examples with solving for k value</p>	<p>Academic Standards:</p> <p>7.5 Approximating Solutions Using Euler's Method 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Thursday	Notes:	<p>Objective: Students will be able to use Euler's method to approximate the solution to a differential equation.</p> <p>Lesson Overview:</p> <p>More advances examples for AP tests (AP FRQ 2013) Reteach: Solving separable differential equations Compare solutions to approximations from Euler's method</p>	<p>Academic Standards:</p> <p>7.5 Approximating Solutions Using Euler's Method 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Friday	Notes:	<p>Objective: Students will be able to use Euler's method to approximate the solution to a differential equation.</p> <p>Lesson Overview: Solving separable differential equations on whiteboards in groups</p>	<p>Academic Standards:</p> <p>7.5 Approximating Solutions Using Euler's Method 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>