

Name: Mrs. Woods		Grading Quarter: 2	Week Beginning: 11/06/23
School Year: 23-24		Subject: AP Calculus AB	
Monday	Notes:	<p>Objective: Students will be able to use properties of definite integrals.</p> <p>Lesson Overview: Notes – contextual meaning of definite integrals FTC part 2 Finding area under curves, including with the curve is below the x-axis</p>	<p>Academic Standards:</p> <p>6.6 Applying Properties of Definite Integrals 3.D Apply an appropriate mathematical definition, theorem, or test.</p>
Tuesday	Notes:	<p>Objective: Students will be able to calculate average value using integration.</p> <p>Lesson Overview: Notes – Visual using the water in a tank Football field – explain the difference between displacement and total distance traveled</p>	<p>Academic Standards:</p> <p>6.5 Interpreting the Behavior of Accumulation Functions Involving Area 2.D Identify how mathematical characteristics or properties of functions are related in different representations.</p>
Wednesday	Notes:	<p>Objective: Students will be able to integrate with u-substitution.</p> <p>Lesson Overview: Notes – u-substitution is the chain rule in reverse Practice as a class first, then with a partner second</p>	<p>Academic Standards:</p> <p>6.9 Integrating Using Substitution 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Thursday	Notes:	<p>Objective: Students will be able to integrate with u-substitution.</p> <p>Lesson Overview: Khan Academy work day</p>	<p>Academic Standards:</p> <p>6.9 Integrating Using Substitution 1.E Apply appropriate mathematical rules or procedures, with and without technology.</p>
Friday	Notes:	No school	Academic Standards: