

Name: Mrs. Woods		Grading Quarter: 3	Week Beginning: 1/13/25
School Year: 24-25		Subject: AP Calculus AB	
Monday	Notes:	<p>Objective: Students will be able to integrate with FTC.</p> <p>Lesson Overview: Notes – Teach part 1 and part 2 of FTC. Focus on definite integrals. Basic properties (when integrating from a to a and also when a and b are switched).</p>	<p>Academic Standards: 6.4 The Fundamental Theorem of Calculus and Accumulation Functions 1.D Identify an appropriate mathematical rule or procedure based on the relationship between concepts (e.g., rate of change and accumulation) or processes (e.g., differentiation and its inverse process, anti-differentiation) to solve problems.</p>
Tuesday	Notes:	<p>Objective: Students will be able to integrate with FTC.</p> <p>Lesson Overview: <i>This is a continuation of the previous day's lesson.</i> Notes – Teach part 1 and part 2 of FTC. Focus on definite integrals. Basic properties (when integrating from a to a and also when a and b are switched).</p>	<p>Academic Standards: 6.4 The Fundamental Theorem of Calculus and Accumulation Functions 1.D Identify an appropriate mathematical rule or procedure based on the relationship between concepts (e.g., rate of change and accumulation) or processes (e.g., differentiation and its inverse process, anti-differentiation) to solve problems.</p>
Wednesday	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: 6.6 Applying Properties of Definite Integrals 3.D Apply an appropriate mathematical definition, theorem, or test.</p>
Thursday	Notes:	<p>Objective: Students will be able to use properties of definite integrals.</p> <p>Lesson Overview: <i>This is a continuation of the previous day's lesson.</i> 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: 6.6 Applying Properties of Definite Integrals 3.D Apply an appropriate mathematical definition, theorem, or test.</p>

Friday	Notes:	<p>Objective: Students will be able to use properties of definite integrals.</p> <p>Lesson Overview: Review this week's concepts on Khan Academy</p>	<p>Academic Standards: 6.6 Applying Properties of Definite Integrals 3.D Apply an appropriate mathematical definition, theorem, or test.</p>
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