

Name: Mrs. Woods		Grading Quarter: 2	Week Beginning: 11/27/23
School Year: 23-24		Subject: AP Calculus AB	
Monday	Notes:	<p>Objective: Students will be able to find the area between curves.</p> <p>Lesson Overview: Notes – how to find the area between curves, locate points of intersection, identify limits of integration Partition both x- and y-axis.</p>	<p>Academic Standards:</p> <p>8.4 Finding the Area Between Curves Expressed as Functions of x 4.C Use appropriate mathematical symbols and notation 8.5 Finding the Area Between Curves Expressed as Functions of y 1.E Apply appropriate mathematical rules or procedures, with and without technology</p>
Tuesday	Notes:	<p>Objective: Students will be able to find the volume using the disc method.</p> <p>Lesson Overview: Notes – how does the cross section of a three-dimensional object look? Discs as cross sections Area goes to axis of revolution</p>	<p>Academic Standards:</p> <p>8.9 Volume with Disc Method: Revolving Around the x- or y-Axis 3.D Apply an appropriate mathematical definition, theorem, or test. 8.10 Volume with Disc Method: Revolving Around Other Axes 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 find the volume using the washer method.</p> <p>Lesson Overview: Notes – how does the cross section of a three-dimensional object look? Discs as cross sections Area does not go to axis of revolution</p>	<p>Academic Standards:</p> <p>8.11 Volume with Washer Method: Revolving Around the x- or y-Axis 4.E Apply appropriate rounding procedures. 8.12 Volume with Washer Method: Revolving Around Other Axes 2.D Identify how mathematical characteristics or properties of functions are related in different representations.</p>

Thursday	Notes:	<p>Objective: Students will be able to find the volume using the washer method.</p> <p>Lesson Overview: Notes – how does the cross section of a three-dimensional object look? Discs as cross sections Area does not go to axis of revolution</p>	<p>Academic Standards:</p> <p>8.11 Volume with Washer Method: Revolving Around the x- or y-Axis 4.E Apply appropriate rounding procedures.</p> <p>8.12 Volume with Washer Method: Revolving Around Other Axes 2.D Identify how mathematical characteristics or properties of functions are related in different representations.</p>
Friday	Notes:	<p>Objective: Students will be able to find the volume using the washer method.</p> <p>Lesson Overview: Area quiz Circuits due</p>	<p>Academic Standards:</p> <p>8.11 Volume with Washer Method: Revolving Around the x- or y-Axis 4.E Apply appropriate rounding procedures.</p> <p>8.12 Volume with Washer Method: Revolving Around Other Axes 2.D Identify how mathematical characteristics or properties of functions are related in different representations.</p>