

# AP Calculus AB



Ms. J. Blackwell, nbct

<https://sites.google.com/site/blackwellsbutterflyworld/home>

## Unit 6 – Advanced Trigonometric Integrals

Sanderson High - Fall Semester - 2018 – Chapter 6– Trigonometric Integration Techniques  
 Textbook: *Calculus – Graphical, Numerical, Algebraic* - 2007 by Prentice Hall






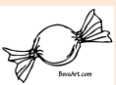
“The essence of mathematics is not to make simple things complicated, but to make complicated things simple”. ~S.Gudder



Day	Date	Topic	Homework
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### New AP Calculus AB – 2018 Calendar Changes –

### Tentative due to Exam Schedule & January 18<sup>th</sup> Changes

5	12/17 Mon	6.2 <sup>2</sup>	Powers / Products of Trig Functions –1/2 Angle Identities <i>(December 17<sup>th</sup> – National Maple Syrup Day)</i>	WS Review # 2, 10, 13, 16, 20, 23, 26, & On-line HW Problems - Show Work 
6	12/18 Tues	6.2 <sup>3</sup>	Trig Substitutions & Trig Integrals <i>(December 18<sup>th</sup> – National Roast Suckling Pig Day)</i> 	WS Trig Substitution, Read 7.1, & Study (Graded HW # 7 due Jan 7 <sup>th</sup> )
7	12/19 Wed	6.2 <sup>4</sup>	Integrals with Quadratics  & <i>(December 19<sup>th</sup> – National Oatmeal Muffin Hard Candy Day)</i>	On-line INC - PPT # 1 & WS I.Q. # 1, 5, 9, 13 



8	12/20 Thurs	<p style="text-align: center;">Quiz</p>  <p style="text-align: center;"><b>(December 25<sup>th</sup> Ms. Blackwell's Birthday!)</b></p>	<p style="text-align: center;">Secret Stocking Exchange &amp; Wed's' HW</p>  
9	12/21 Fri	<p style="text-align: center;">Award's Day, Project Plan Time, &amp; Secret Stocking Exchange</p> <p style="text-align: center;"><i>(December 21<sup>st</sup> – National French Fried Shrimp</i>  <i>&amp; Crossword</i></p>  <p style="text-align: center;"><i>Puzzle</i> <span style="background-color: yellow;">Early Release Day</span> <i>Day!)</i></p>	<p style="text-align: center;">Be Safe, Have a Happy Holidays, &amp; Have Fun!</p> 
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center;"> <p>Holiday Break!</p> <p style="font-size: 2em; color: red;">Happy Holidays</p> <p>Dec 22<sup>nd</sup> - Jan 2<sup>nd</sup></p> </div>  </div>			

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Day	Date	Topic	Homework
10	1/3 Thurs	6.2 <sup>4</sup> Integrals w/ Quadratics & Project Plan Day <i>(January 2<sup>nd</sup> – National Cream Puff Day)</i>	INC - PPT # 2, WS I.Q. Odd, & GH # 7 
11	1/4 Fri	Slope Fields & Review   <i>(January 4<sup>th</sup> – National Spaghetti Day)</i> <i>January 5<sup>th</sup> – National Whipped Cream Day</i>  <i>January 6<sup>th</sup> – National Shortbread Day</i>	WS pages 18 - 19 & WS Slope Field pages 7 - 12  



Day	Date	Topic	Homework
12	1/7 <b>Mon</b>	7.1 Integrals as Net Change Presentation Day	<i>Review Game Project &amp; Study</i>
13	1/8 <b>Tues</b>	<b>Unit Test 6</b>  <i>(January 8<sup>th</sup> – National English Toffee Day)</i> 	<i>Review Game Project &amp; Give 3 People a Compliment!</i> 
14	1/9 <b>Wed</b>	Review Game Project Presentations, Discuss Senior Exemption Forms, & Finish Award's Day	<i>Study</i> 
15	1/10 <b>Thurs</b>	Review Game Activities  <i>(January 10<sup>th</sup> – National Bittersweet Chocolate Day)</i>	<i>Study</i> 
	1/11 <b>Fri</b>	<i>Review Game Activities</i>  <i>(January 11<sup>th</sup> – National Milk Day)</i>	<i>Study</i> 



Due to "Weather" Days

Exams Begin



Jan 14<sup>th</sup> – Jan 18<sup>th</sup>

1<sup>st</sup> Day of 2<sup>nd</sup> Semester

Jan 22<sup>nd</sup>

**Friday, January 11**

7:25-11:55	English 2 EOC
	Math 1 EOC
	Math 3 EOC
11:55-12:25	Lunch
12:25-2:18	Post Exam Session

**Monday, January 14**

7:25-10:25	Period 1 Exam
10:25-11:25	Lunch
11:30-2:18	Period 2 Exam

**Tuesday, January 15**

7:25-10:25	Period 3 Exam
10:25-11:25	Lunch
11:30-2:18	Period 4 Exam

**Wednesday, January 16**

7:25-11:45	Biology EOC
	Math 1 EOC Make-Up
	Math 3 EOC Make-Up
	English 2 EOC Make-Up
11:45-12:15	Lunch
12:20-2:18	Post Exam Session

**Thursday, January 17**

7:25-11:45	EOC Make-Up Exam
11:45-12:15	Lunch
12:20-2:18	Post Exam Session