



Class: AP Calculus AB
Unit 6: Integration and Accumulation of Change
2/6 to 3/12

Friday 2/6	-6.1 Exploring Accumulation of Change -6.1 Ladder Activity in Class -HW: Watch 6.2 Video and Fill In Notes
Monday 2/9	-6.2 Approximating Areas with Riemann Sums -Pg 299 #25-35 odd
Tuesday 2/10	-6.2 Approximating Areas with Riemann Sums -Pg 299 #57-69 odd -HW: Watch 6.3 Video and Fill In Notes
Wednesday 2/11	-6.3 Riemann Sums, Summation Notation, and Definite Integral Notation -Summation Notation Circuit WS -HW: Watch 6.4 Video and Fill In Notes
Thursday 2/12	-6.4 The Fundamental Theorem of Calculus and Accumulation Functions -Pg 330 #85-96 all -HW: Watch 6.5 Video and Fill In Notes
Friday 2/13	-6.5 Interpreting the Behavior of Accumulation Functions Involving Area -6.5 Stations Activity – In Class
Monday 2/16	-No School
Tuesday 2/17	-6.1-6.5 Mid Unit Review Worksheet -HW: Watch 6.6 Video and Fill In Notes
Wednesday 2/18	-6.6 Applying Properties of Definite Integrals -6.6 Skill Builder Worksheet -HW: Watch 6.7 Video and Fill In Notes
Thursday 2/19	-6.7 The Fundamental Theorem of Calculus and Definite Integrals -Whiteboard Problems – In Class
Friday 2/20	-6.7 The Fundamental Theorem of Calculus and Definite Integrals -6.7 Big 10 Skill Builder Worksheet -HW: Watch 6.8 Video and Fill In Notes
Monday 2/23	-6.8 Finding Antiderivatives and Indefinite Integrals: Basic Rules and Notation -Pg 287 #3-42 by 3, 49-51 all, 61
Tuesday 2/24	-6.8 Finding Antiderivatives and Indefinite Integrals: Basic Rules and Notation -6.8 Ladder Activity – In Class

Wednesday 2/25	-6.9 Integrating Using Substitution -Which one doesn't belong? Activity/Worksheet -Watch 6.9 Video and Fill in Notes
Thursday 2/26	-6.9 Integrating Using Substitution -Pg 341 #1-4 all, 6-51 by 3
Friday 2/27	-6.9 Integrating Using Substitution -Pg 341 #53,55,57,63,66,71,75,83 -HW: Watch 6.10 Video and Fill In Notes (Through Long Division)
Monday 3/2	-6.10 Integrating Functions Using Long Division and Completing the Square -6.10 Whiteboard Problems – In Class
Tuesday 3/3	-6.10 Integrating Functions Using Long Division and Completing the Square -Pg 350 #3-27 by 3, 31,35,51,55,63,66 -HW: Finish Watching 6.10 Video and Fill In Notes
Wednesday 3/4	-6.10 Integrating Functions Using Long Division and Completing the Square -6.10 Whiteboard Problems – In Class
Thursday 3/5	-6.10 Integrating Functions Using Long Division and Completing the Square -Pg 359 #6,13,17,27,33,35,42,61,62,74-77 all -HW: Watch 6.14 Video and Fill In Notes
Friday 3/6	-6.14 Selecting Techniques for Antidifferentiation -6.14 Card Sort Activity – In Class
Monday 3/9	-6.14 Selecting Techniques for Antidifferentiation -6.14 Circuit WS Mixed Integration
Tuesday 3/10	-Unit 6 Review
Wednesday 3/11	-Unit 6 Review
Thursday 3/12	-Unit 6 Test *All Unit 6 Assignments Due Today