



# Class: AP Calculus AB

## Unit 4: Contextual Applications of Differentiation

### 11/12 to 12/9

Wednesday 11/12	-After Unit 3 No Calculator Test, Watch the 4.1 Video and fill in the notes
Thursday 11/13	-4.1 Interpreting the Derivative in a Context -4.1 Ticket Time Activity in class -HW: Watch the 4.2 Video and fill in notes
Friday 11/14	-4.2 Straight Line Motion -Bell Ringer – Straight Line Motion Clue -Activity – Two Truths and a Lie With a partner -Activity – Practice Problems on Whiteboards -No HW
Monday 11/17	-4.2 Straight Line Motion -4.2 Activity – Big 10 -HW: Watch the 4.3 Video and fill in notes
Tuesday 11/18	-4.3 Rates of Change Other Than Motion -Skill Builder 4.3 WS -No HW, just make sure your WS is finished
Wednesday 11/19	-4.1-4.3 Crack the Code Activity -HW: Watch 4.4 Video and fill in notes
Thursday 11/20	-4.4 Related Rates Introduction -Practice 4.4 Worksheet -HW: Watch 4.5 Video and fill in notes
Friday 11/21	-4.5 Related Rates -Practice 4.5 Worksheet
Monday 11/24	-4.5 Related Rates -4.5 Related Rates Ticket Time Activity -HW: Watch 4.6 video and fill in notes
Tuesday 11/25	-In class activity: Sum of 25 Problem
Wednesday 11/26	-No School, Thanksgiving Break
Thursday 11/27	-No School, Thanksgiving Break
Friday 11/28	-No School, Thanksgiving Break
Monday 12/1	-4.6 Approximating Local Linearity -Practice 4.6 Worksheet -HW: Watch 4.7 Video and fill in notes
Tuesday 12/2	-4.7 L'Hopitals Rule -4.7 Card Sort Activity

Wednesday 12/3	-4.7 L'Hopitals Rule -Pg 511 #1,5,12-42 by 3, 45,49,65
Thursday 12/4	-Unit 4 Review
Friday 12/5	-Unit 4 Review
Monday 12/8	-Unit 4 Review
Tuesday 12/9	-Unit 4 Test *All Unit 4 Assignments must be turned in today!