AP Calculus BC
Weeks of 10/28 – 11/1

Due Dates

10/28 – 4.3 assignment

10/30 – 4.4 assignment

11/1 – 4.5 assignment

11/4 – f' and f'' Circuit

Monday: 4.4 – Intervals of Increasing/Decreasing and the 1st Derivative Test	LT: I can use derivatives to find the intervals a function is increasing and decreasing over and use the first derivative test to identify relative extrema. In class: • Bell Ringer • Classwork: Finish pg. 93-95 • Exit Ticket HW: Watch the 4.5 video through example 6 and take notes
Tuesday: 4.5 – Concavity and Points of Inflection	LT: I can use the second derivative of a function to find the concavity of a graph, points of inflection, and relative extrema. In class: • Bell Ringer • Classwork: Independent Practice: pg. 98-99 #1-9, 19-23 • Exit Ticket HW: Finish the 4.5 video and notes
Wednesday: 4.5 – The Second Derivative Test	LT: I can use the second derivative of a function to find the concavity of a graph, points of inflection, and relative extrema. In class: • Bell Ringer • Classwork: Independent practice: add #10-18, 24-26 to pg. 98-99 • Exit Ticket HW: none

	Thursday: 4.1-4.5 Review	LT: I can review analytic applications of derivatives. In class: • Bell Ringer • Classwork: Jeopardy • Exit Ticket HW: none
  	Friday: Connecting $f, f',$ and f''	LT: I can use the first and second derivatives to answer questions about the function. In class: • Bell Ringer • Classwork: What f' and f'' tell you about f Circuit • Exit Ticket HW: none

Q: Did you hear about the scarecrow who won first prize?

A: It was outstanding in its field.