Fourth Quarter Assignments
BHS/SA AP Calculus AB (2nd pd)

Thurs., Mar. 6 **AP MC no calculator practice exam**, Unit 1		**The entire review unit counts on the fourth quarter.**
	Goals	Determine what Unit 1 (Limits and Continuity) topics you need to relearn for the AP exam.
	Assignment	**Practice Exam, AP Calculus AB multiple choice section**, *no* **calculator; Unit 1 (Limits and Continuity)** worksheet (due next Monday) Despite the name, review worksheets are electronic, found on Schoology.
Fri., Mar. 7 Unit 1	*Goals*	Determine what Unit 1 (Limits and Continuity) topics you need to relearn for the AP exam.
	Assignment	**Unit 1** worksheet
Mon., Mar. 10 Unit 2; **AP Quiz 7**	*Goals*	Determine what Unit 2 (Differentiation: Definition and Fundamental Properties) topics you need to relearn for the AP exam.
	Assignment	**AP Quiz 7; Unit 2 (Differentiation: Definition and Fundamental Properties)** worksheet (due the Monday after break)
Tues., Mar. 11 Unit 2	*Goals*	Determine what Unit 2 (Differentiation: Definition and Fundamental Properties) topics you need to relearn for the AP exam.
	Assignment	**Unit 2** worksheet (due the Monday after break)
Thurs., Mar. 13 **AP Free Response practice exam**	*Goals*	Determine the areas of AP Calculus that need the most review before the exam in May.
	Assignment	**Practice Exam, AP Calculus Free Response Questions**
Fri., Mar. 14 **Activity day, early release** **End of third quarter**	*Goals*	Determine the areas of AP Calculus that need the most review before the exam in May.
	Assignment	Make a plan to improve your understanding of AP calculus topics
Mon., Mar. 24 Unit 3	*Goals*	Determine what Unit 3 (Differentiation: Composite, Implicit, and Inverse Functions) topics you need to relearn for the AP exam.
	Assignment	**Unit 3 (Differentiation: Composite, Implicit, and Inverse Functions)** worksheet (due next Monday)
Tues., Mar. 25 Unit 3	*Goals*	Determine what Unit 3 (Differentiation: Composite, Implicit, and Inverse Functions) topics you need to relearn for the AP exam.
	Assignment	**Unit 3** worksheet (due next Monday)
Thurs., Mar. 27 Unit 3	*Goals*	Determine what Unit 3 (Differentiation: Composite, Implicit, and Inverse Functions) topics you need to relearn for the AP exam.
	Assignment	**Unit 3** worksheet (due next Monday)
Fri., Mar. 28 **AP MC calculator practice exam**	*Goals*	Determine the areas of AP Calculus that need the most review before the exam in May.
	Assignment	**Practice Exam, AP Calculus AB multiple choice section, calculator-active**
Mon., Mar. 31 Unit 4	*Goals*	Determine what Unit 4 (Contextual Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	**Unit 4 (Contextual Applications of Differentiation)** worksheet (due Friday)
Tues., Apr. 1 **Vocab posttest**, Unit 4	*Goals*	Determine what Unit 4 (Contextual Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	**Vocabulary posttest; Unit 4** worksheet (due Friday)
Thurs., Apr. 3 **AP MC no calculator practice exam 2**; Unit 4	*Goals*	Determine what Unit 4 (Contextual Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	**Practice Exam, AP Calculus AB multiple choice section,** *no* **calculator (second one)**
Fri., Apr. 4 Limits posttest, Unit 5	*Goals*	Determine what Unit 5 (Analytical Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	**Limits posttest; Unit 5 (Analytical Applications of Differentiation)** worksheet (due next Tuesday)
Mon., Apr. 7 Unit 5	*Goals*	Determine what Unit 5 (Analytical Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	**Unit 5** worksheet
Tues., Apr. 8 Unit 5	*Goals*	Determine what Unit 5 (Analytical Applications of Differentiation) topics you need to relearn for the AP exam.
	Assignment	Study for the practice mc section
Thurs., Apr. 10 **AP MC calculator practice exam 2**; Unit 6	*Goals*	Evaluate your preparation for the AP Calculus AB exam. Determine what Unit 6 (Integration and Accumulation of Change) topics you need to relearn for the AP exam.
	Assignment	**Practice Exam, AP Calculus AB multiple choice section, calculator-active (second one)**

Fri., Apr. 11 Unit 6	*Goals*	Determine what Unit 6 (Integration and Accumulation of Change) topics you need to relearn for the AP exam.
	Assignment	**Unit 6 (Integration and Accumulation of Change)** worksheet (due Mon., Apr. 21)
Mon., Apr. 14 Unit 6	*Goals*	Determine what Unit 6 (Integration and Accumulation of Change) topics you need to relearn for the AP exam.
	Assignment	**Unit 6** worksheet (due next Monday)
Wed., Apr. 16 **AP Free Response practice exam 2**	*Goals*	Evaluate your preparation for the AP Calculus AB exam.
	Assignment	**Practice Exam, AP Calculus Free Response (second one)**
Thurs., Apr. 17 **Activity day**	*Goals*	Evaluate your preparation for the AP Calculus AB exam.
	Assignment	**Unit 6** worksheet (due next Monday)
Mon., Apr. 21 Unit 7	*Goals*	Determine what Unit 7 (Differential Equations) topics you need to relearn for the AP exam.
	Assignment	**Unit 7 (Differential Equations)** worksheet (due Thursday)
Tues., Apr. 22 Unit 7	*Goals*	Determine what Unit 7 (Differential Equations) topics you need to relearn for the AP exam.
	Assignment	**Unit 7** worksheet
Thurs., Apr. 24 Unit 8	*Goals*	Determine what Unit 8 (Applications of Integration) topics you need to relearn for the AP exam.
	Assignment	**Unit 8 (Applications of Integration)** worksheet (due next Tuesday)
Fri., Apr. 25 Unit 8	*Goals*	Determine what Unit 8 (Applications of Integration) topics you need to relearn for the AP exam.
	Assignment	**Unit 8** worksheet (due next Tuesday)
Mon., Apr. 28 Unit 8	*Goals*	Determine what Unit 8 (Applications of Integration) topics you need to relearn for the AP exam.
	Assignment	**Unit 8** worksheet
Tues., Apr. 29 Exam logistics	*Goals*	Evaluate your preparation for the AP Calculus AB exam.
	Assignment	Pass the AP Calculus AB exam.
Thurs., May 1 Additional review	*Goals*	Prepare for the AP Calculus AB exam.
	Assignment	Pass the AP Calculus AB exam.
Fri., May 2 Additional review	*Goals*	Prepare for the AP Calculus AB exam.
	Assignment	Pass the AP Calculus AB exam.
During the AP exam testing window, I will review with you when you are in class. No assignments are due during this time. After their AP exams end, juniors will get brief introductions to some topics from the next calculus course.		
Mon., May 5	*am: AP Biology*	
Tues., May 6	*am: AP Chemistry, AP Human Geo; pm: US Government*	
Thurs., May 8	*Wednesday am: AP English Lit; pm: AP Computer Science A* *Thursday am: AP Statistics; pm: AP World History*	
Fri., May 9	*am: AP US History; pm: AP Macroeconomics*	
Mon., May 12 **AP Calculus exam!**	*am: **AP Calculus!***	
Tues., May 13	*am: AP Precalculus; pm: AP Environmental Science*	
Thurs., May 15	*Thursday am: AP Art History; pm: AP Computer Science Principles*	
Fri., May 16 **Activity day**	*am: AP Physics*	
The assignments that follow are for juniors only, after their AP exams have finished. These may start sooner based on student exam schedules.		
Mon., May 19 Polar graphing	*Goals*	Use polar coordinates to locate points. Graph polar functions.
	Assignment	**Polar Graphing** worksheet
Tues., May 20 Polar graphing	*Goals*	Use polar coordinates to locate points. Graph polar functions.
	Assignment	Produce the coolest polar graph you can and turn in its Desmos link on Schoology
Thurs., May 22 Vectors	*Goals*	Use vectors to represent quantities involving magnitude and direction, particularly in the context of motion. Extend calculus concepts to vector-valued functions.
	Assignment	**Vectors** worksheet
Fri., May 23 Taylor & Maclaurin polynomials	*Goals*	Use calculus to help write polynomials that mimic other types of functions.
	Assignment	**Taylor and Maclaurin Polynomials** worksheet
Tues., May 27 Taylor & Maclaurin polynomials	*Goals*	Use calculus to help write polynomials that mimic other types of functions.
	Assignment	**Taylor and Maclaurin Polynomials** worksheet
Thurs., May 29 **Thurs early release, end of semester** Improper integrals	*Goals*	Use limits to evaluate integrals of functions with asymptotes.
	Assignment	**Improper Integrals** worksheet