



## AP Calculus BC – Free Response Rubric

The goal of this assignment is to demonstrate your ability to review & practice for the AP Calculus AB/BC exam.

1. Each class will be divided into 8 groups that will present 5 AP Free Response problems & Several Multiple Choice Problems in detail to the class on a **daily basis**.
2. Each group is expected to **work together** and follow the “Evaluation Feedback Form.
3. All presentations are to actively involve and engage the students in the classroom in a creative and informative manner.
4. (**NO CHEATING!** – Each group must do their own ORIGINAL work!
5. Each group is **REQUIRED** to turn in a neat and legible copy of the Multiple – Choice problem solutions & a Summary Page of what each member did in preparation for the Project Presentation and what each member is planning to do during the presentation to Ms. J. Blackwell **BEFORE** each presentation begins!
6. FR Problem presentations should last *approximately* 15 minutes. (5 problems \* 15 min = 75 min)
7. Each night’s homework is to work on the next day’s Homework Problems that are located on the website. Each Group can decide to add additional problems to the HW by notifying the class the day before a scheduled presentation.
8. Each group is expected to incorporate the National Average for each Free Response into the group’s presentation.
9. (If a Group member is unable to present on the pre-selected day, it is the responsibility of the Group to switch presentation days with another group, so that all group members can present on a designated day.)
10. The presentations will start on 4/8 and end on 4/29.



	M	T	W	Th	F
<i>Date</i>	"Zeno was concerned with three problems...These are the problem of the infinitesimal, the infinite, and continuity." - <b>Bertrand Russell</b>				
4/8	<b>Group # 1</b> <i>HW 2 &amp; Lab 1</i>	<b>Group # 2</b> <i>HW 3 &amp; Lab 1</i>	<b>Group # 3</b> <i>HW 4 &amp; Lab 1</i>	<b>Group # 4</b> <i>Study</i>	<b>Quiz w/ Calculator</b> <i>HW 5 &amp; Lab 2</i>
4/15	<i>Spring Break!!!</i>				
4/22	<b>Workday</b>	<b>Group # 5</b> <i>HW 6 &amp; Lab 2</i>	<b>Group # 6</b> <i>HW 7 &amp; Lab 2</i>	<b>Group # 7</b> <i>Study</i>	<b>Quiz w/ out Calculator</b> <i>HW 8 &amp; Lab 3</i>
4/29 <i>Interims</i>	<b>Group # 8</b> <i>Study &amp; Practice</i> <i>Exam # 1 = Quiz</i> <i>grade May 10<sup>th</sup></i>	<b>AP Calculus BC Trial Run Exam</b> <b>Unit Test 7 &amp; Unit Test 8</b>		Cartoon Activities & Project Plan time  <i>Project</i>	Trial Run Results  <i>Practice Exam</i>
		With Calculator	Without Calculator		



## Calendar Part 2 = May 6<sup>th</sup> – June 4<sup>th</sup>

5/6  
AP Exam  
Schedule



Daily Schedule, Homework, & Lesson Topics →

	<i>United States Government &amp; Politics – Chinese Language &amp; Culture – Environmental Science</i>	<i>Seminar – Spanish Language – Japanese Language &amp; Culture – Physics 1: Algebra Based</i>	<i>English Literature &amp; Composition – European History – French Language &amp; Culture</i>	<i>Chemistry – Spanish Literature &amp; Culture – German Language &amp; Culture – Psychology</i>	<i>US History – Computer Science Principles – Studio Art Physics 2: - Algebra Based</i>
5/13	<i>Biology – Physics C: Mechanics – Physics C: Electricity &amp; Magnetism</i>	<b>AP Calculus AB &amp; BC</b> <b>Exam Day!!!</b> 🏆	<i>Do A Good Deed, Project, &amp; Give 3 People a Thank You!</i>		
	<i>Art History – Human Geography</i>	<i>English Language and Composition – Italian Language &amp; Culture - Macroeconomics</i>	<i>Comparative Government &amp; Politics – World History – Statistics</i>	<i>Microeconomics - Latin – Music Theory – Computer Science A</i>	

### 11. Grading Scale – **Unit Test 6 Grade:**

30	Oral Presentation – Problem Correctness – Group Performance – Audience Engagement – Readiness/Promptness/Preparedness of problem solutions – Performance Assessment Evaluation Sheet/ Group Ranking
15	Creativity – Originality – Each Group Member’s Participation – Timely Completion of Presentation=
15	Review Labs 1 – 3
15	Free Response & Multiple Choice HW
15	Being an Active (Daily) Participant – Writing/ Working the In – Class Problems
10	Teacher copy of Solutions & Summary – Prior to making Presentation
100 pts	Total Possible Points ( <b>Apr 8<sup>th</sup> – May 3<sup>rd</sup></b> )

**Unit Test 7 & 8** Trial Run AP Exam will have a Calculator and a Non – Calculator Unit Test.

12. Good Luck & Have Fun!

