

AP Calculus AB KEY project Rubric

Outcomes	Excellent (4 points)	Satisfactory (3 points)	Unsatisfactory (2 points)	Poor (1 point)
Description of objective and plan of action	Description and plan of action demonstrated student's clear understanding of the task given.	Description and plan of action demonstrated student's somewhat clear understanding of the task given.	Description and plan of action demonstrated student's not very clear understanding of the task given.	Description and plan of action are barely given.
Explanation of the whole process ("task 0")	Process was presented clearly step by step.	Process was presented somewhat clearly and/or some steps missing.	Process was presented not very clearly or steps are hard to understand.	Process was barely presented.
Mathematical calculations	All mathematical calculations presented are accurate and steps are shown clearly.	Mathematical calculations presented are accurate except for 1 or 2 errors and steps are shown clearly.	Mathematical calculations presented are accurate except for a few errors but some steps aren't shown clearly.	Mathematical calculations presented are weak or steps aren't shown clearly.
Graphical presentation of the key	Graphical presentation on Grapher is complete and perfectly accurate.	Graphical presentation on Grapher is complete almost accurate.	Graphical presentation on Grapher is not complete or somewhat inaccurate.	Graphical presentation on Grapher is barely done.
Physical presentation of the key	Physical presentation of the key is complete and consistent with the calculations shown.	Physical presentation of the key is complete and almost consistent with the calculations shown.	Physical presentation of the key is incomplete or somewhat inconsistent with the calculations shown.	Physical presentation of the key is barely done.
Reflection Piece on the task	Reflection piece demonstrates deep level of thought and thorough reflection of the project's process.	Reflection piece demonstrates mid level of thought and somewhat thorough reflection of the project's process.	Reflection piece demonstrates low level of thought and not very thorough reflection of the project's process.	Reflection piece demonstrates barely any thought given to the project's process.
Use of Widgets	Widgets used for the chapter contained student created items and was appropriate to the content covered.	Widgets used for the chapter contained items taken from the internet and was appropriate to the content covered.	Widgets used for the chapter was not appropriate to the content covered.	No widgets were included in the chapter.
Use of Glossary	All (100%) the mathematical terminologies were defined in the glossary.	Most (>75%) of the mathematical terminologies were defined in the glossary.	Some (50%-75%) of the the mathematical terminologies were defined in the glossary.	Not enough (<50%) of the mathematical terminologies were defined in the glossary.
Overall Creativity of the iBook Chapter	iBook chapter showed a high level of creativity with digital elements combined in inspiring and thoughtful ways which is engaging for the reader.	iBook chapter showed mid-level creativity with digital elements combined in somewhat inspiring and thoughtful ways which is somewhat engaging	iBook chapter showed a low level of creativity with digital elements and little regard for imagination which isn't very engaging for the reader.	iBook chapter showed no creativity with digital elements and no regard for imagination which is non engaging for the reader.
Technical Execution of the iBook Chapter	All digital elements of the iBook chapter are running smoothly with no errors.	Most digital elements of the iBook chapter are running smoothly with 1-2 errors.	Some digital elements of the iBook chapter are running smoothly with 3-4 errors.	Multiple digital elements of the iBook chapter are not running well with more than 4 errors.

Total Mark : /40

