



Honors Algebra Calculator Project



<p>Research and describe the connections between calculator use and student standardized test scores. Use the Internet to locate at least three articles on the topic, and write a conclusive paper on your findings. Be sure to include a bibliography of the works you cite in your paper.</p>	<p>Interview three teachers, at least two Math, (not Mrs. Freeman) on their opinion of calculator use in their classrooms. Write an informative article on the topic that explains your interview process and the answers received. Do not forget to create a questionnaire for the interview.</p>	<p>Compare/contrast use of calculators in the Math class to another real-life situation. For example, think of how computers have changed education both for the good and the bad. How could you compare this analogy to student calculator use? What are the benefits, limitations, and possibilities of calculator use?</p>
<p>Using the current calculator you use for this Math class, create a board game that educates new users on the functions of the calculator. Include a written paragraph explaining the game's rules, as well as HOW the game will teach new users. (Game must be playable and include all parts/pieces)</p>	<p>“Powerful Calculators Throw Teachers a New Curve”</p>	<p>Conduct a survey (using your own questionnaire of at least 10 questions) of at least 30 students at WJHS and their use of calculators and its effect on their work. In a written paper, describe your findings. Then create 3 different graphs representing your data on a large piece of poster board.</p>
<p>Interview Dr. McGee (our district Superintendent), Mrs. Engel, or Dr. Smith on his views of calculator use in District 39 Math classes. Design your own questionnaire with at least 10 thoughtful questions and write a paper explaining your findings.</p>	<p>Retrace the history of calculator use in American schools from when it began to the present. Be sure to note any trends/patterns in your findings. For example: how do test score results change how schools view calculator use? Write an informative paper on your findings. Include a bibliography of the works you cite.</p>	<p>Formulate/design a calculator that would be acceptable for use in the Math classroom. Create an advertisement selling the “idea” of your calculator to your Math teacher. Please use the site www.webcom.com/calc/ as a guide for your advertisement.</p>