



**CALIFORNIA STATE SCIENCE FAIR  
2005 PROJECT SUMMARY**

<b>Name(s)</b> <b>Bryan A. Williams</b>	<b>Project Number</b> <b>J0344</b>
<b>Project Title</b> <b>Times = Arial &gt; Comic &gt; COURIER: Which of These Fonts Can Be Read Out Loud the Quickest?</b>	
<b>Abstract</b> <b>Objectives/Goals</b> I was trying to see if there was an easiest font to read out loud. There are so many fonts that there would be no easy way to test them all. I decided to test three of the most common fonts and one unusual font, comic. <b>Methods/Materials</b> I carefully selected four paragraphs that were the same length when read. The way I determined that was to count the number of syllables and spaces in an excerpt and look for ones of the same length. I created four unique packets for my test subjects to read that had one different paragraph of each font with each paragraph on its own page. I instructed my test subjects to read the paragraphs each out loud at their normal pace and I timed and recorded each paragraph they read individually. I entered the data from my log book into my computer to process the data in a spreadsheet. <b>Results</b> Of the four fonts that I tested Arial and Times performed similarly and were the fastest being read out loud. Comic was on average about two percent slower than Arial and Times. The last font I tested was Courier in all caps and it was the slowest, by four percent. <b>Conclusions/Discussion</b> Although Arial turned out to be the fastest font, it wasn't faster by very much. Of the four fonts I tested there didn't seem to be very much difference. This small difference would only make an impact when reading large amounts of text like a long speech.	
<b>Summary Statement</b> I tested four fonts to determine which could be read out loud the quickest.	
<b>Help Received</b> My dad asked me lots of questions to keep me on task and helped me submit this online application form.	