



**CALIFORNIA STATE SCIENCE FAIR  
2004 PROJECT SUMMARY**

<b>Name(s)</b> <b>Cassidy A. Aarstad</b>	<b>Project Number</b> <b>J0701</b>
<b>Project Title</b> <b>The Speed of the 21st Century</b>	
<b>Objectives/Goals</b> My objective was if the amount of storage space and RAM effect the speed of a computer. I chose to do this project to find out if I could simply add more storage space and RAM instead of installing a new Processor. I hypothesised that More storage space and Ram will increase the speed of a computer.	
<b>Abstract</b> <b>Methods/Materials</b> Material:two 20GB Hard Drives with WindowsXP Operating system Installed two 60GB Hard Drives with windowsXP Installed two 128MB RAM two 512MB Ram two Identical computers without Hard Drives or Ram installed A Program to install that will take up much space on the Hard Drive A Time Watch with batteries Procedure: I built two computers with out Hard Drives or Ram installed then Alternated the Hard Drives and RAM listed above and timed how long the program took to install on the computer.	
<b>Results</b> When the computers had 60GB of storage spacde and 512MB of Ram, it computed faster than when it had 20GB of storage space and 128MB of Ram.	
<b>Conclusions/Discussion</b> I concluded that the More amount of storage space and memory(RAM) will increase the speed of a computer.	
<b>Summary Statement</b> My project tests the speed of a computer with different amounts of storage space and memory	
<b>Help Received</b> teacher advised and supervised my project	