



**CALIFORNIA STATE SCIENCE FAIR  
2008 PROJECT SUMMARY**

<b>Name(s)</b> <b>Harmony L. Latham</b>	<b>Project Number</b> <b>J0315</b>
<b>Project Title</b> <b>Sporty Students</b>	
<b>Abstract</b> <b>Objectives/Goals</b> Determine if students will benefit from playing sports and their GPA#s will be higher than students who do not play sports. I will also determine if boys or girls will have higher GPA#s. <b>Methods/Materials</b> 1.Approx 300 students ages 9-14 2.Survey (300 copies) with relevant questions.3.Computer 4.Printer 5.Camera 6.Pens 8.Display board Methods 1.Determine the question & hypothesis. 2.Research using internet,books, discussion w/ parents & teachers. 3.Develope survey. 4. 300 students. 5.Administer & collect surveys. 6.Sort surveys. 7.Create a database, enter results. 8.Graphs survey outcome. 9.Build a display that highlights the important & interesting results. 10. Present the project in an interesting,informative manor. <b>Results</b> My hypothesis was correct, students who play sports had an ave. GPA of 3.22, those who do not play sports had an ave. GPA of 3.14. I found that fem. atheletes had higher GPA's than male atheletes. I used basic sports that are organized & available in my area. (football, basketball, soccer,baseball) I did have 4 surveys that were un-useable; there is a small margin of error due to the unusable surveys, & the possibility of untruthful answers. <b>Conclusions/Discussion</b> I attempted to figure out if sports affected GPA for better or worse. My hypothesis proved correct. Students who play sports had an ave. GPA of 3.22, students who do not play sports had an ave. GPA of 3.14. I found that students who play sports work harder to stay involved in their sport, maintain good grades & not become behavioral issues. This project showed that youth involved in sports maintain good GPA's & good disciplinary records, this may help them in future endeavours. When involved in sports youth are getting physically fit, staying healthier, that in itself is a positive effect. Hopefully the outcome of my project can motivate young adults to get out of the house, become involved in sports & concentrate on grades. I think that if many people considered how positive the outcome of this project is, we can make a difference, & improve children's grades & health. I enjoyed this project & its outcomes. I play sports, am active in ASB, busy w/ horses & pageants requiring community service. I uphold a 4.0 GPA, if I can change one life, motivate one person, to keep their grades up, get involved with school & community a make something of themselves, then this project is a success.	
<b>Summary Statement</b> Do students who are involved in after school sports programs have better grades than students who do not participate in after school sports, and are boys or girls grades higher if involved in sports.	
<b>Help Received</b> I recieved the coopertation of several nteachers who allowed me to survey thier class, my dad taught me how to use Excel, and my mom helped me with printing photos.	