

CALIFORNIA STATE SCIENCE FAIR 2016 PROJECT SUMMARY

Name(s)	Project Number
Michael B. Dechene	J1207
Project Title	
The Biomechanics of Pitching	
Objectives/Cools Abstract	
Objectives/Goals The objective of this study is to determine if fully incorporating the pitching, will affect the speed and accuracy of a pitch.	ne lower body mechanics, while
Methods/Materials Baseball, stopwatch, pitching mound set 50 ft. from target, catcher different age, weight and height. Measured the speed and accuracy	
Results The speed of pitches thrown utilizing full lower body mechanics i faster, sometimes twice as fast, than pitches thrown from a slide st body mechanic pitches was better than the slide step pitches. The lighter weight pitchers from both pitching positions. The speed wa with the utilization of lower body mechanics. Conclusions/Discussion	tep pitch. The accuracy of full lower heavier pitchers threw faster than the as affected much more than the accuracy
Pitching utilizing the full lower body mechanics will increase the pitcher, my coaches tell me to, "use your lower half," and in doing correct and it really makes a difference. This will help me make so with every pitch.	g this project, I found that they are
Summary Statement	
I showed that the speed and accuracy of a pitch is increased by inc	corporating lower body mechanics.
Help Received I received help from the pitchers in the Kings Baseball program, n data myself.	ny baseball academy, and collected the