



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Joshua R. Schroeder	Project Number J0228
Project Title Which Bat Has the Most Pop?	
Objectives/Goals My objective is to find out which bat has the most pop.	
Abstract	
Methods/Materials 5 bats; 3 aluminum senior league bats, 1 little league aluminum bat, and 1 wood bat. To find out which bat has the most pop I rolled a ball down a ramp and let it hit one of the bats. The ball would hit the bat I selected for that use. Then I would measure how far the ball went in millimeters. I repeated this process 5 more times and then chose a new bat.	
Results The Louisville Slugger Air Attack 3 hit the ball the furthest. The Louisville Slugger Gen1x followed the Air Attack3. The Easton Connexion followed it. The Rawlings Wooden Bat closely trailed it, and to cap it off was the Nike Air Barrage.	
Conclusions/Discussion While doing this project I observed that the newest bat isn't always the best.	
Summary Statement My project was finding out which bat would hit the ball the furthest due to the trampoline, or "pop" effect	
Help Received My dad helped engineer the project, my mom helped edit my reports, my brother took pictures, my grandpa helped me work the computer, and my friend lent me three of his bats.	