CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY

Name(s)
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Project Number
22891

Project Title
Going, Going, Gone: The Corking of Wooden Baseball Bats

Abstract

Objectives/Goals
My project was to determine wether Professional Baseball players are recieving better preformance by corking their wooden baseball bats.

Methods/Materials
Three wooden baseball bats of the same kind, shape, and weight were filled with a different material, steel aluminum, wood, and cork. A ball was attached to a string and dropped from three different fixed points onto each baseball bat.

Results
The cork filled baseball bat made the ball rebound back the farthest. Then the aluminum, wood, and the steel.

Conclusions/Discussion
According to my final results, the cork bat rebounded the farthest. I now know that cork and aluminum have more elasticity than wood. Maybe the idea of corking a bat is right, but cheating isn't

Summary Statement
Does corking a baseball bat make a better hitter?

Help Received
Machine shop for holes in bat