

Joe Stephen

*Batting Practice: Which Weighted Bat Drives the Ball Farther?*

The researchers topic that he decided to choose was which weighted baseball bat would drive the baseball the farthest out of the Rawlings Wood 32"/29 oz, Demarini VooDoo BBCOR 32"/29 oz, Demarini VooDoo 32"/27 oz, and finally the Demarini VooDoo 31"/21 oz off of a standard batting tee. The researcher's hypothesis for this project was that the Demarini VooDoo 31"/21 oz would hit the greatest distance due to how much harder and faster he could swing the bat.

He conducted an experiment; hitting ten numbered baseballs a day with each designated ball chosen by the researcher. Every day he conducted the experiment he rotated bats everyday so that each bat would be hit first. At the end of the experimentation process he concluded that his hypothesis he stated at the beginning supported. The Demarini VooDoo 31"/21 oz hit the farthest the researcher thought due to how hard he could swing the bat compared to the others.

The reason why this certain bat hit much farther than the other bats tested was for the reason that the model I had, had the largest sweet spot plus that bat was broke in. The term "broke in" means the bat has more pop or power then the others due to its age. The researcher believes that if you were to break in other bats as long they may or may not hit farther than they did to begin with.