

TITLE: Cricket: Physics or what?

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From the backyard to its home at Lord's, Cricket is by far the most popular sport in the West Indies and the 2nd most popular in the World. Everyone has a fair idea about the game, some more so than others. It is a sure bet however that few enthusiasts know or even bother to ponder how much of the game is actually science. Physics is responsible for and is able to explain from the most basic to intricate actions involved in the game. This project will seek to simplify and explain these phenomena of this beautiful game.

We will explain the science behind bowling and the ball's simple but sometimes strange movement as it relates to the Magnus Effect. Some light shall also be shed on the Impact Dynamics of the pitch and its physical effects on the game. Physics principles play a major role in the art of batting and fielding; these will be investigated and explained. Some conclusions will finally be proposed relating the understanding of cricket physics and performance.