

Kjersti Moritz  
*Up Up and Away*

The purpose of my experiment was to find out how a Monarch butterfly wing angle would affect the quality of its glide. I hypothesized that if the angle of attack is set at 45 degrees then it will have the most lift force because the air can get underneath the wing and lift it up well. To perform this experiment, I set butterfly wings at different angles and used a fan to measure the lift in grams. My experiment led me to believe that somewhere between 40 degrees and 45 degrees was the ideal angle for butterfly gliding.