# _Daniel Catches Fly (Karate Kid)_

The 1st picture is before he goes in to catch the fly and the 2nd is him having caught the fly.







The length of Chopsticks on average is 23-26 cm so we'll use the middle value of 24.5cm. A Fly can fly approximately 8.04672 Kmph. The fly moved closer to Daniel but the speed would be the same since the chopsticks would've gotten the fly where it was beforehand. Daniel was holding the chopsticks at half length. Meaning the chopsticks being used to get the fly is 12.25cm.

Daniel lifted up the chopsticks and caught the fly at approximately a 90 degree angle. The chopsticks went up 45 degrees and back down 45 degrees (it could be argued higher for both but its a quick analysis) meaning the chopsticks travelled 6.125cm. The fly travelled closer to the chopsticks by about 15% (1.8375cm) during this. Meaning Daniel Movements could travel 3.34x Faster than the Fly. This calculates the Speed to 26.876 Kmph which is on the higher end of Average Human level…. I swear "Average Human Level" is above what humans irl would be capable of lol. Average Human Fighting Speed is 24 kmph so he is above average.

Calculation: 26.876 Kmph