Physics: Quarter 1 Project

One day during lunch at Indio High School, a couple broke up. This wasn’t any ordinary break up. The girl slapped the boy at a constant speed of 3 miles per seconds and continued at that speed, due to Newton’s First Law of Motion, until her hand extended the limit of her elbow. She walked away accelerating 5 miles per seconds squared starting at an initial speed of 0 and covered a distance of 50 meters in 10 seconds. The boy chased after her, but her final speed was 50 m/s and couldn’t catch up.

Anger and confused, he returned to his table and a boy knocked over his lunch, accidently. That didn’t matter to him; he threw his apple with a velocity of 7 m/s East at him and missed. He had hit a softball player and all hell broke loose. A food fight had started and food was flying all over the place with speeds varying from 3m/s to 12 m/s. One kid threw a pizza straight up for 6 seconds and reached its peak at 60m/s. The pizza hit him straight in the face. Another kid tried to hurl a Hot Pocket at the dumped boy for starting the food fight, but his shoes created a frictional force of 20 Newton’s and landed straight on his face. The dumped boy was feeling remorse for starting all this when his ex-girlfriend came back to apologize. She was in the straight line of fire with a carton full of milk coming at her at a constant speed of 3 m/s. The boy didn’t need to think twice, he accelerated at 6 m/s, starting from and initial speed of 0 and final speed of 7m/s, covering a distance of 23 meters. He made it there in 1.16 seconds. Just in time to save the love of his life.

Security got there seconds later and blamed the boy for what had happened. Even though on that day he: broke up with the love of his life, started a food fight, saved the love of his life, and got suspended: at least he’s back where he started. (360)