

Exp 9.1

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The Importance of Direction.

$$\text{speed} = \frac{d}{t}$$

velocity = speed + direction

Hypothesis: a visual demonstration of speed vs. velocity.

~~part 1~~ ~~step 8~~ the speed + direction of the eggs was the same. Because of this, there was no damage on either egg.

Part 2: When one egg was moving + the other egg was stationary, the moving egg was undamaged, + the stationary egg had damage. Speed + direction were different.

Part 3: Speed was the same, but the direction was different, + one egg had damage.

Conclusion: The speed + direction matter a lot. They change the velocity.