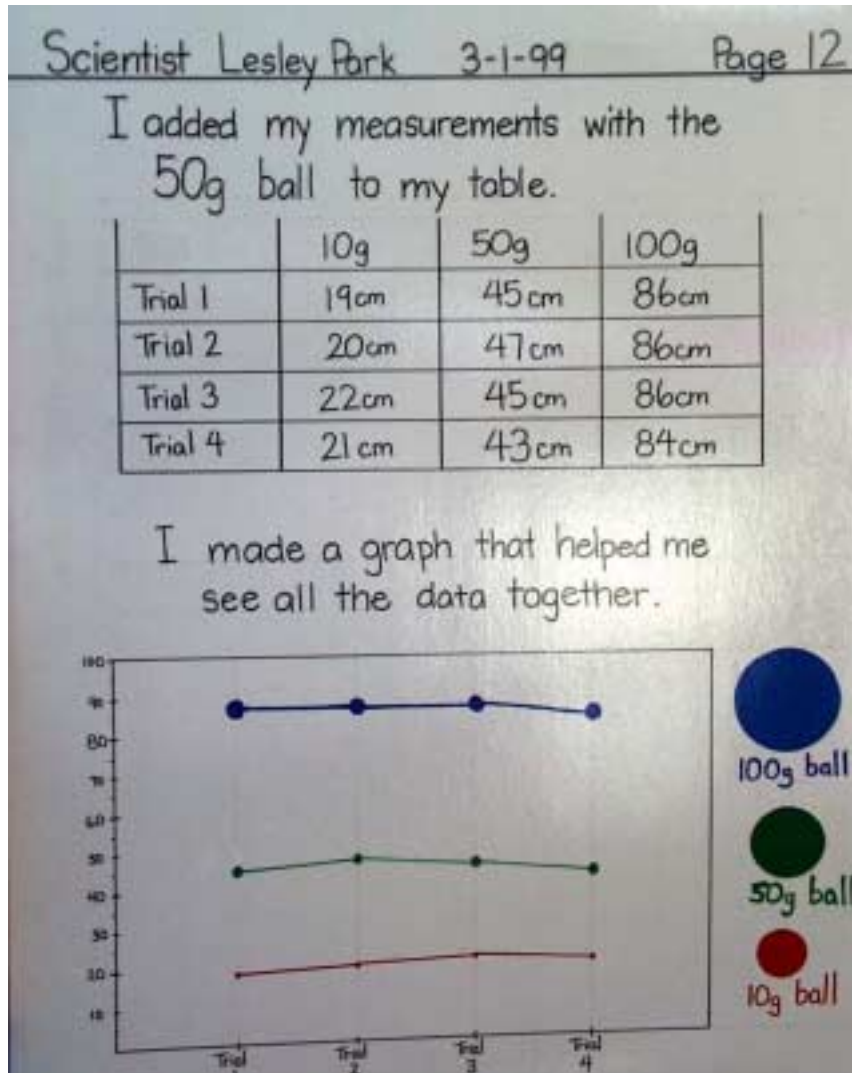


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The heavier the moving object, the more energy it has to move another object further.

So, a more massive ball does not go faster down a ramp, but it has more energy to give something it hits.

So, a heavier ball makes what it hits move further, which means that mass affects momentum.