

# Force and Motion



The lack of Friction



A video about force and motion.

pulling the cart.  
Motion: An object changing position over time. Its also like the sun changes its place in the sky. It moves south then it moves north.

Issac Newton is the guy who invented force and motion. If Issac Newton did not invent force we well not be able to play. Or if we did not have motion we well not be able to play. Right now we well probally be fat wachting T.V. because we will not have motion to play.



Friction force that resist motion between two touching surfaces. Or go to <http://www.ncwiseowl.org/zones/elementary/> then go to britannica to learn more about force, motion and many more.

Acceleration: The rate of increase of speed or velocity. Air resistance: Force of air pushing against the motion of an object. Balance Force: An object stays in place, no movement occurs. Control: Part of an experiment that does not change. Direction: The way the force is applied determines the way the object moves. Kinetic: Motion energy. Energy: Ability to do work. Potential: Stored energy. Fair test: Changing only one variable and keeping the other conditions the same. Friction: Force that resists motion between two touching surfaces. Gravity: Force that brings objects towards earth. Inertia: The tendency of an object to resist a change in motion or keep what it is doing. Machine: Used to make work easier. Mass: How much matter an object has. Newton 1: An object tends to stay at rest and in uniform motion. Object tends to stay in motion.

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