

# Download Show That The Path Of A Projectile Is A Parabola

Can you use a water hose to show projectile motion? I think so. Projectile Motion. Projectile motion occurs when objects are fired at some initial velocity or dropped and move under the influence of gravity. One of the most important things to remember about projectile motion is that the effect of gravity is independent on the horizontal motion of the object. Blast a car out of a cannon, and challenge yourself to hit a target! Learn about projectile motion by firing various objects. Set parameters such as angle, initial speed, and mass. Explore vector representations, and add air resistance to investigate the factors that influence drag. If you are interested in learning of the origins of the algebra formula for finding the time value when the projectile reaches its maximum height (the x-value of the vertex of a parabola), watch the video marked with the 'v,' immediately below.