

Projectile motion, which involves the motion of objects in a curved trajectory under the influence of gravity, has several applications in daily life for example, Sports: Projectile motion is a key concept in various sports. Understanding projectile motion helps pyrotechnicians plan and execute these displays with precision and create visually stunning effects. Archery: Archers utilize projectile motion to accurately aim and hit their targets. Photography and Videography: When capturing action shots or recording fast-moving objects, knowledge of projectile motion can be beneficial. By understanding the trajectory of a moving subject, photographers and videographers can anticipate and capture the desired moment with precision.