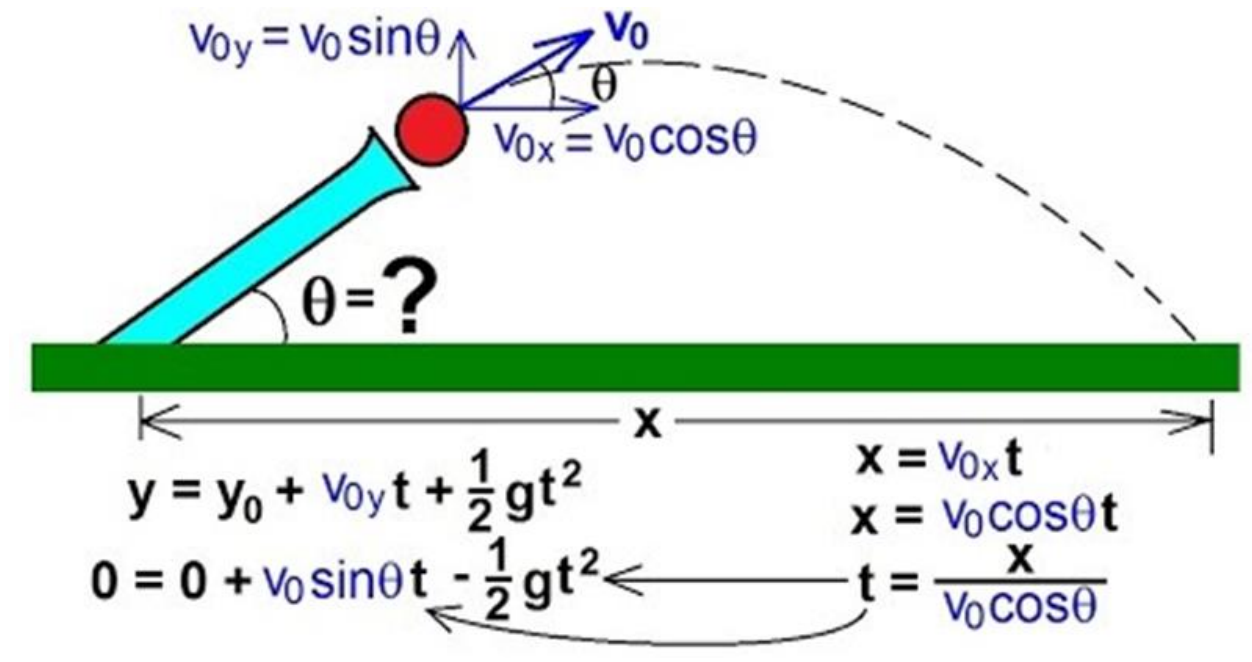


Equations of Motion for Projectile Positions



The horizontal and vertical velocity components can be determined by applying the Pythagorean Theorem and the trigonometric functions.