

3 Main Types of Motion:

1) **Translational Motion**

a) Linear Motion (*Straight Line Motion – moving in 1 direction*)



b) Projectile Motion (*Arc'ed Motion - bullet, football, softball,...*)

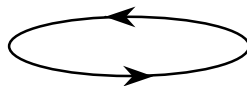


2) **Rotational Motion**

a) Circular Motion (*fan blades, orbits*)



b) Non-Circular Motion (*swinging a ball on an elastic string*)



3) **Periodic Motion**

a) Oscillations (*pendulum swinging, waves, rocking chair*)



b) Vibrations (*shocks, springs*)

