

## Vocab- Forces & Motion

### **Forces**

Balanced

Unbalanced

Push

Pull

Net force

Resultant force

Vector

Newton (N)

### **Friction**

Static

Kinetic

sliding

rolling

fluid (through gas or liquid)

lubricant

### **Gravity**

Gravitational force

Weight

Mass

Law of Universal Gravitation

Free fall

Terminal velocity

Acceleration due to gravity ( $9.8 \text{ m/s/s}$ )

Projectile motion

Air resistance

Vacuum

Orbiting

Horizontal

Vertical

