**Distance**

**Displacement**

**Speed**

**Average speed**

**Instantaneous speed**

**Velocity**

**Acceleration**

**Force**

**Net force**

**Balanced force**

**Inertia**

**Newton’s Second Law of Motion**

**Friction**

**Static friction**

**Air resistance**

**Gravity**

**Weight**

**Newton’s Third Law of Motion**

**Momentum**

**Kinetic energy**

**Joule**

**Potential energy**

**Elastic potential energy**

**Chemical potential energy**

**Gravitational potential energy**

**Mechanical energy**

**Law of conservation of energy**

**Work**

**Power**

**Machine**

**Input force**

**Output force**

**Mechanical advantage**

**Efficiency**

**Simple machine**

**Lever**

**Pulley**

**Wheel and axle**

**Inclined plane**

**Screw**

**Wedge**

**Compound machine**

**Distance**

**Displacement**

**Speed**

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