

Ch. 2 Linear Motion

Vocabulary/Formulas:

- Acceleration
- Average Speed
- Free Fall
- Instantaneous Speed
- Speed
 - Constant Speed
- Velocity
 - Constant Velocity
 - Changing Velocity
- Free Fall
 - How Fast
 - How Far
- Gravity

Ch. 3 Projectile Motion

Vocabulary/Formulas:

- Vector
- Scalar
- Projectile
- SOHCAHTOA
- Components
 - Horizontal
 - Vertical
- Resultant
- Pythagorean Theorem

Ch. 4 Newton's 1st Law – Inertia

Vocabulary/Formulas:

- Aristotle, Copernicus, Galileo, Newton
- Equilibrium
- Force
- Friction
- Inertia
- Kilogram
- Mass
- Net Force
- Weight

Ch. 5 Newton's 2nd Law – Force/Acceleration

Vocabulary/Formulas:

- Acceleration
- Force
 - F norm
 - F grav
 - F ten
 - F app
 - F frict
 - F air
- Unbalanced Force
- Mass does what to acceleration?
- Friction
- Air Resistance
- Pascals – Pressure
- Terminal Speed
- Terminal Velocity

Ch. 6 Newton's 3rd Law – Action/Reaction

Vocabulary/Formulas:

- Interaction
- Action Force
- Reaction Force
- The Horse – Cart Problem