

**Key Terms:***Force*

- unit of measurement [Newton]
- Something that causes a change in the motion of an object. For example; in order for a football to move a force has to be applied to it such as the quarterback throwing

*Speed*

- The measure or magnitude of how fast an object is moving

*Velocity*

- The combination of the magnitude of an object's speed AND the direction it is traveling

*Acceleration*

- The measure of how much an object's speed or velocity is changing
- An object whose speed is increasing is *accelerating*
- An object whose speed is decreasing is *decelerating*