Force and Motion Vocabulary

A force that resists motion when two forces are touching each other.

A force that pulls all objects with mass toward one another.

A push or a pull on an object that may change the motion of the object.

The rate of change of velocity that may include speeding up, slowing down, or changing direction.

An objects tendency to resist a change in motion.

Any change in the location of an object.

The distance an object travels in one unit of time.

An object's speed and direction at any given instant.

The total distance an object travels divided by the total time traveled.

Describes speed that does not change or remains the same.

How far and object has traveled.

How far an object is away from where it started.

Describes a place where an object is located.

A point used to determine the position of an object.

Describes using a force to move an object a distance when both the force and motion of the object are in the same direction.

The frictional force air exerts against a moving object.