

Force – a push or a pull

Gravity – the force that pulls objects toward each other

Friction – a force between two objects rubbing against each other

Gravity is a force that can be overcome by jumping or picking up something.

A push or a pull has to be greater than all other forces (gravity or friction) for an object to move.

Magnets can attract magnetic materials. Like poles N/N will repel (push away from each other), opposite poles will attract (N/S).

Forces are pushes, pulls, friction, gravity and magnetic force.

Many objects have more than one force acting on them at a time.

The more friction an object has the more quickly it will slow down and stop.

The more mass an object has the more force it will take to start it moving. It will also take more force to stop it from moving.

Objects will not move if the force is not great enough to set it in motion.

The speed of an object depends on the distance it is traveling and the time it takes to travel.

If forces are balanced an object will not move. If a force is greater than the opposing force it is unbalanced and the object will move.