

TYPES OF FORCE



Hello guys!

Today we are going to talk about the Types of forces. But first, you have to look a video.

Force is every agent capable of changing the state of movement or rest of an object or modify the shape of a body. Forces can have different effects on bodies on which they are applied.

TYPES OF FORCES

The forces resulting from the interaction between two objects can be originated in two ways, by contact or at distance.

Contact forces

*Contact forces are produced when objects are in direct contact with each other or they touch and one of them opposes to movement from the other.

*Friction forces act when two surfaces are in contact. These are responsible for stopping or slowing down an object which is moving.

Forces that act at a distance

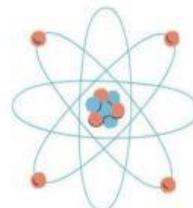
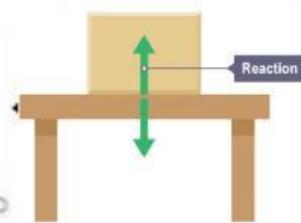
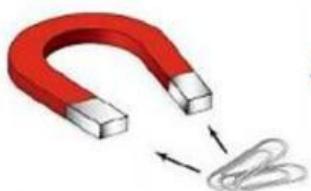
*The gravitational force Gravitational force keeps Earth and other planets in the Solar System spinning around the Sun and not scatter all over the space.

*The magnetic force or magnetism is the property that some materials – like iron and steel – have to attract or repel other materials.

*The electrical force between two objects is provoked by the presence of electric charges and is related to the atoms structure that forms matter.

Lesson Checkpoint .-

Match the type of force to the image by moving each phrase below to its correct image.



FRICITION FORCE	ELECTRICAL FORCE	FRICITION FORCE
CONTACT FORCE	GRAVITATIONAL FORCE	MAGNETIC FORCE
GRAVITATIONAL FORCE	FRICITION FORCE	CONTACT FORCE