

FORCE & IT'S TYPE



Force



Force is a push or pull applied on an object that can change **velocity**, **shape** or **size** of the object.



Electromagnetic

The force that an electromagnetic field exerts on electrically charged particles.



Gravitational

The force that attracts any object with mass. Every object, including you, is pulling on every other object in the entire universe!



Nuclear

Nuclear Force is defined as the force exerted between different nucleons. The force is attractive in nature and it binds protons and neutrons in the nucleus together.



Contact

The force that occurs between bodies due to their contact is contact force.



Electrostatic

It is defined as the attraction or repulsion of different particles and materials based on their electrical charges.



Magnetic

It's the attraction or repulsion that arises between electrically charged particles because of their motion.



Normal

The normal force is the support force exerted upon an object that is in contact with another stable object.



Tension

Tension force is a force that is exerted equally on both ends of a cable, chain, rope, wire or other continuous object and is transmitted between the ends by that object.



Friction

Friction force is the force exerted by a surface as an object moves across it or makes an effort to move across it.