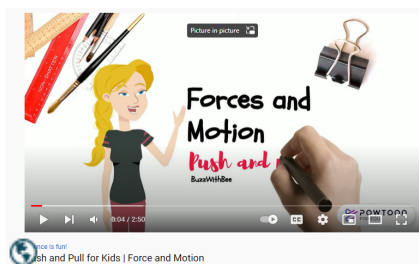


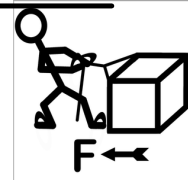
Motion - is when an object moves from place to place Feb 1

Force is an interaction between two objects, which comes in the form of a push or a pull. When this interaction occurs, each object is affected by the other, and there are always two objects involved.

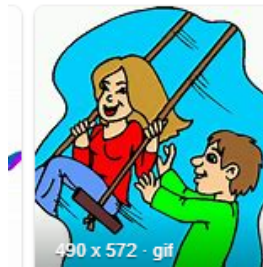
Force is measured in Newtons (N)



Pull - is a type of force where you bring an object towards you.



Push - is a type of force where you move an object away from you.



Inertia - is the property to do nothing or stay unchanged

Speed - is the amount of distance an object travels in a set time

(the rate at which an object changes position)

- measured in m/s or km/h ex) 72 km/hr

$$s = \frac{\text{distance}}{\text{time}}$$

Velocity - is your speed with a direction (vector)

- Example) 72 km/hr North