

TENDER HEART HIGH SCHOOL, SEC-33B, CHD

Class: IV
Subject: Science

Topic: Push and Pull
Date: 25.11.2024

Good Morning students

This chapter is from your book "Srijan ICSE Science" and is being presented to you on 25.11.2024.

Ch-11

Push and Pull

What do we do when we are asked to open or close a door? To do so, we pull or push the door.

- A pull is an action which moves a thing towards oneself.
- A push is an action which moves a thing away from oneself.

Force: A push or pull which brings a change in an object.

A force can change shape of an object

Some examples where force changes the shape of objects are squeezing a toothpaste or a cut piece of lemon.

A force can change direction of an object

For example, a batsman hits the ball coming towards him by pushing it with his bat and changes its direction.

Types of forces

1. Muscular force: The force applied by our hands or legs is called muscular force.
2. Gravitational force: The force with which the earth pulls everything towards it is called gravitational force.
3. Magnetic force: The force with which a magnet attracts an object is called

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magnetic force.

Frictional force: A force which acts between a surface and an object moving across it is called frictional force.

Home assignment

List some activities you do everyday.
Now, find out which one you do by pulling and which one by pushing.