

TENDER HEART HIGH SCHOOL, SEC-33B, CHD.

Class: IV

Subject: Science

Topic: Push and Pull

Date: 02.12.2024

Good Morning Students

This is the notebook work of
Ch-11 - Push and Pull.

Definitions

- 1) Pull - A pull is an action which moves a thing towards oneself.
- 2) Push - A push is an action which moves a thing away from oneself.
- 3) Muscular force: It is the force applied by our hands or legs.
- 4) Gravity - The force with which the earth pulls everything towards it.

5) Magnetic force - The force with which a magnet attracts an object.

Answer the following

Q1. What is a force? What changes can it bring in an object?

Ans Force is a push or pull which can bring change in an object. A force can change shape and direction of an object.

Q2. Write four activities which you do by using muscular force.

Ans i) Push the door

ii) Hit a ball with the bat

iii) Carry a bag

iv) Kick a ball

Q3. What is gravitational force?

Ans The force with which the earth

pulls everything towards it is called gravitational force or gravity.

Q4. What is magnetic force? Name some magnetic materials.

Ans. The force with which a magnet attracts an object is called magnetic force. e.g. iron pins, iron keys.

Q5. How does a rolling ball stop after moving some distance?

Ans. The ball stops moving after going some distance due to frictional force caused by the ground on it.

Think zone

Q1. A magnet attracts an iron key but not a wooden bar. Why?

Ans. Magnet attracts an iron key as it is a magnetic material.

Q2. A horse can carry more load than a man. Why?

Ans. A horse can exert more muscular force than man, so it can carry more load.

Home-assignment

Complete pg no. 134 and 135 in your science book.