



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
27, Ballygunge Circular Rd, Kolkata- 700019



Term: First Term

Sub: Science

Class: 4

Date: 22.04.20

Lesson: Force, Work And Energy

Topic: Force, Forces In Nature (gravitational force / Frictional force)

ANSWER WORKSHEET - III

1) Fill in the blanks-

- a) The force that pulls objects towards earth is called gravitational force
- b) Friction helps our feet to get a grip on the ground.
- c) A force is a push or a pull acting on an object.
- d) A rough surface offers greater force of friction than a smooth surface.

2) What can a force do?

● A force can-

- a) Move an object.
- b) Stop a moving object.
- c) Change the shape of an object.
- d) Change the speed and direction of a moving object.

3) Complete the following sentences-

- a) When we jump up , gravity pulls us back on earth.
- b) The soles of our shoes and slippers wear out over time due to friction.
- c) It is earth's gravity that pulls back a ball that is thrown up.
- d) The gravitational force of earth also holds the air that surrounds us.

4) What kind of force is required in the following actions:-

- a) A leaf falling to the ground Gravity
- b) Pushing a table Push
- c) A man walking on a rough surface Friction
- d) Pulling a hand rickshaw Pull

5) Answer in one or two words-

- a) The invisible force that opposes the motion of an object is called?

Ans:- Friction

- b) The force with which earth pulls all objects towards its surface is called?

Ans:- Gravity

- c) What kind of force is used to kick a football?

Ans:- Push

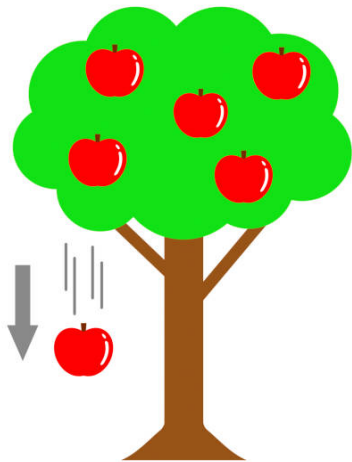
6) Draw a diagram on force and write below what force is being used. (draw any one)



Push



Pull



Gravity



Friction