

THE ASSAM VALLEY SCHOOL
WORKSHEET NO - 5

NAME :
CLASS : VI
CHAPTER: FORCE AND PRESSURE

GRADE:
SUB: PHYSICS
DATE:

Forces

When you ride a bike, your foot pushes against the pedal. The push makes the wheels of the bike move.

When you drop something, it is pulled to the ground by gravity.

A PUSH or a PULL is a FORCE. So, a good definition for force *is a push or pull in a particular direction.*

Forces affect how objects move. They may cause motion; they may also slow, stop, or change the direction of motion of an object that is already moving.

Forces can affect motion in several ways:

- They can make objects start moving
- They can make objects move faster
- They can make objects move slower
- They can make objects stop moving
- They can make objects change direction
- They can make objects change shape

Since force cause changes in the speed or direction of an object, we can say that forces cause changes in velocity, so.... Forces cause acceleration

FORCE FACTS:

- Forces are measured in Newtons (N)
- Forces usually act in pairs
- Forces act in a particular direction
- Forces usually cannot be seen, but their effects can be felt.