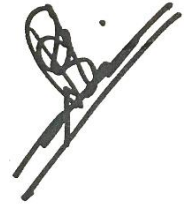


PHYSICS (GRADE-4)



CH-15 Lesson 2 How does Force Affect Moving Object?

Mrs. Ruksana & Mrs. Farhana

Define.

- a) **Force**: Force is push or pull.
- b) **Friction**: Friction is a force that acts against the movement when two surfaces rub together.

1. How does a force affect an object?

A force can make an object move from rest. It can also make a moving object move faster, slow down, stop or change direction.

2. How can we reduce friction?

We can reduce friction by using oil, powder, wax or ball bearings.

3. What happens when two different forces act on an object in opposite direction?

The forces will be unbalanced, and the object will move in the direction of the greater force.

4. What happens when two or more equal forces act on an object in the same direction?

The forces will add together, and the object will move faster.

5. What happens when two equal forces act on an object in the opposite direction?

The forces will cancel each other, and the object will not move.