

Class-VI
Chapter-3

Subject: Physics
Force.

Date: 29.4.24

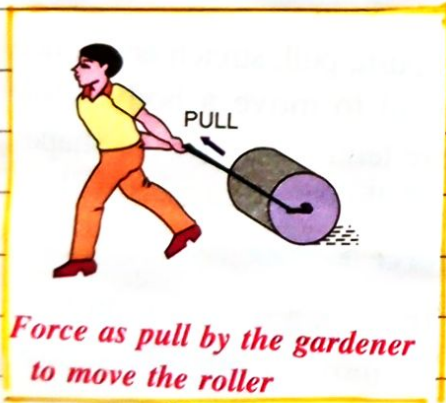
Teacher: Nimrita

Good Morning students!

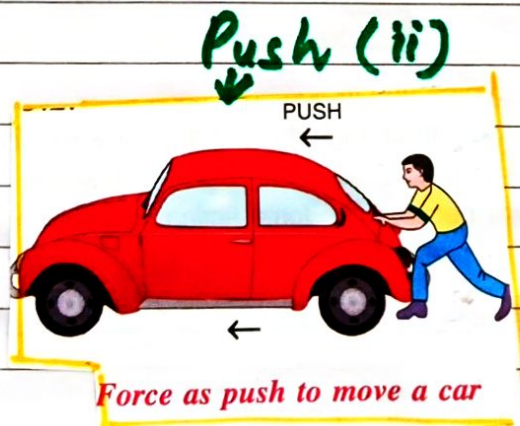
This lesson is of Class-VI for the subject of Physics, Chapter-3, 'Force', of your text book Concise Physics, Selina Publications. It is being submitted to you on 29.4.24.

In this lesson, we will study about force and its effects.

- Force:- Force is a pull or push which tends to result in the movement of a body.



Pull (i)



- Force applied as stretch or squeeze can cause a change in size and shape of an object.
- Effects of force:-

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Chapter-2
Teacher: Nimrita

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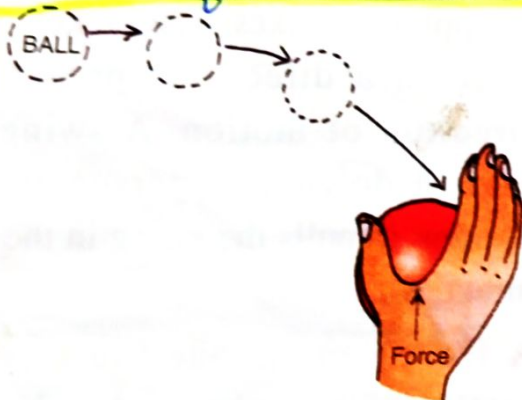
A force can move a body originally at rest.

A force can stop a moving body.

A force can slow down a moving body.

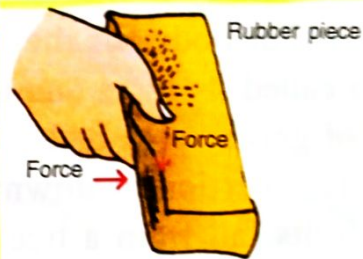
A force can change direction, shape and size of a body.

A force can make a moving body to move faster.



(i)

Force applied by the fielder while catching a ball, stops the moving ball



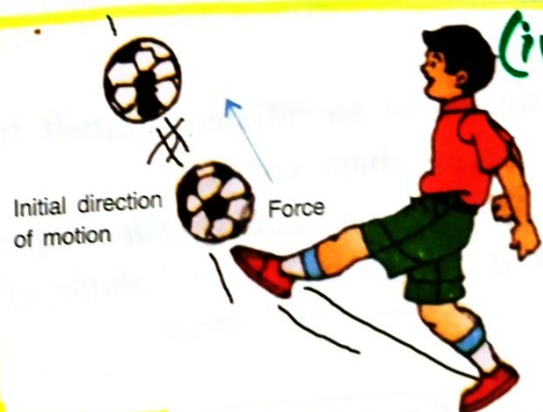
(ii)

A force (squeeze) on rubber piece changes its shape



(iii)

Force (push) on swing moves it faster



(iv)

Force changing the direction of motion of football

Effects of force

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Kinds of forces:-

Contact forces:- The force which acts on bodies by making an actual contact.

eg: Muscular force, frictional force etc.

Non contact forces:- The forces which act on bodies with no contact with them.

eg: Gravity, Magnetic force.

I am ending today's topic. Read page 33-38 from your book.

Thank you!

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