

Chapter 11

FORCE AND PRESSURE

SUMMARY:

- ❖ Force could be a push or a pull.
- ❖ A force arises due to the interaction between two objects.
- ❖ Force has magnitude as well as direction.
- ❖ A change in the speed of an object or the direction of its motion or both implies a change in its state of motion.
- ❖ Force acting on an object may cause a change in its state of motion or a change in its shape.
- ❖ A force can act on an object with or without being in contact with it.
- ❖ Force per unit area is called pressure.

- ❖ Liquids and gases exert pressure on the walls of their containers.
- ❖ The pressure exerted by air around us is known as atmospheric pressure.

