

## FORCES

1. What is a force?
  - (a) A push or a pull.
  - (b) A ball at rest on a hill.
  - (c) Water boiling.
2. What is the unit of force?
  - (a) Joules
  - (b) Watts
  - (c) Newtons

3. Put a check mark next to the things that forces can do.

Move an object at rest.

Speed up or slow down an object.

Give power to a light.

Cause an astronaut to float in space.

Cause plants to grow.

Stop a moving object.

Change the direction of an object.

Change the shape of an object.

Make the wind cold.

Help persons with glasses to see.

4. What are the 2 types of forces?

- (a) Strong and weak
- (b) Contact and non-contact.
- (c) Up and down.

5. Drag and drop “contact” or “non-contact” into the box next to the action to show what type of force caused the action.

Contact	Contact	Contact
Contact	Contact	Contact
Non-contact	Non-contact	Non-contact
Non-contact	Non-contact	Non-contact

Holding a tennis ball.

A Compass showing the direction.

Picking up some nails with a magnet.

Pushing a box up a hill.

Picking a mango.

Rain falling from the clouds.

Licking an ice-cream.

Lightning striking.