

# CLASS NOTES

Class: V

Topic: Force, work and energy

Subject: Environmental Science

- Write the following content in your EVS note book and learn

Important points and definition

**Force** – Force is a push or pull.

**Friction** – A force of friction is produced whenever one surface moves or tries to move over another. It tries to stop a moving thing. It also tries not to let a body start moving.

**Gravity**- The force that pulls any object down is called gravitational force or gravity.

**Magnetic force**- The force with which a magnet attracts certain substance is called magnetic force.

**Work** - work is done when a force is applied on something and it moves.

**Work**= amount of force  $\times$  distance moved

**Energy**- Energy is the capacity to do work.

A Write short answers.

1 . What is the simplest way to describe a force?

Answer Force is a push or a pull.

2 When is a force of friction produced?

Answer A force of friction is produced whenever one surface moves or tries to move over another .It tries to stop a moving thing. It also tries not to let a body start moving..

3. What does the force of friction do?

Answer Force of friction tries to stop a moving thing. It also tries not to let a body start moving. So we say friction opposes motion.

4.What is gravitational force?

Answer – The force that pulls any object down is called gravitational force or gravity.

5 When is work done according to scientists?

Answer Work is done when a force is applied on something and it moves.

Work = amount of force  $\times$  distance moved.

- The above content is absolutely prepared from home.


