

INDIAN SCHOOL MUSCAT
PRIMARY SECTION
Class IV - Term 2

Written Work –Lesson No. 6 – FORCE, WORK AND ENERGY

I. Define Energy.

Ans: Energy is the ability to do work.

II. What is Hydroelectricity?

Ans: A dam on a river uses the power of flowing water to generate electricity. This is known as Hydroelectricity.

III. Think and answer.

a. Fuels like coal, oil and gas good sources of energy.

Ans: Fuels like coal, oil and gas are good sources of energy as they can be burnt to produce a large amount of energy. This energy can be used to run machines, cars, heating homes, cooking etc.

b. Fruit from a tree always falls to the ground.

Ans: This is because a force called gravity acts on it. This force pulls the fruit down. In fact, gravity acts on every object on the earth. That's why when we throw anything up, it comes down.

IV. Answer the following.

- a. An object moving on a rough surface slows down and stops after sometime.
Name and define the force acting on it.

Ans: The force acting on it is called the force of friction. Friction occurs because of the rubbing of the object against the rough surface.