

**INDIAN SCHOOL MUSCAT  
PRIMARY SECTION**

<b>Subject: Science Semester II</b>	<b>Name:</b>	
<b>Topic: Force, Work And Energy</b>	<b>Std IV:</b> _____	<b>Roll No:</b>
<b>Worksheet No. 6</b>	<b>Date:</b> ____ / ____ / ____	
<b>Resource Person: Ms. Nandita C.</b>	<b>Teacher's Signature:</b>	

**I. Answer the following.**

a. Define force. Give an example to show that force can do work.

**A. A push or pull is called force. Eg. throwing a ball.**

b. Besides moving an object, what else can a force do?

**A. Force can move an object, stop a moving object, change the direction of a moving object or change the shape of an object.**

**II. Give reasons.**

a. Ice skaters are able to glide smoothly on ice.



**A. This is because ice is a smooth surface. As friction is less on smooth surfaces, the skaters are able to glide smoothly on ice.**

**III. Justify the statement.**

a. We depend on the sun for our energy needs.

**A. This is because Sun is the main source of heat and light energy. Plants use this light energy to make food for all living things. The food in turn gives us energy to do work.**

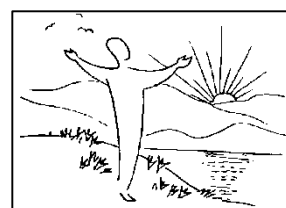
**IV. Read the given statements and identify the kind of force.**

a. A toy car stops moving in the grass. **Force of friction**

b. An apple falling on the ground from the tree. **Force of gravity**

c. To open your class room door from outside. **Muscular force**

d. To draw water from the well. **Muscular force**



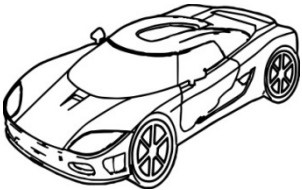

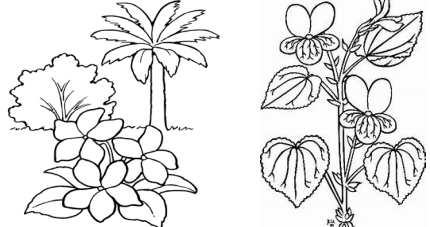
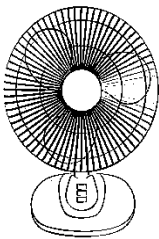
**V. Identify the picture and answer the questions.**



**a. This is a windmill.**

**b. It generates electricity from wind.**

**VI. Identify the pictures and complete the table.**

Items	Source of Energy	Give examples which use the same source of energy
	<p><b>petrol</b> <b>gas</b></p>	<p><b>aeroplanes</b> <b>truck</b></p>
	<p><b>food</b></p>	<p><b>human beings</b> <b>animals</b></p>
	<p><b>sun</b></p>	<p><b>solar cooker</b> <b>heaters</b> <b>bulbs</b></p>
	<p><b>water</b> <b>wind</b> <b>sun</b> <b>coal</b> <b>petroleum</b></p>	<p><b>coolers</b> <b>ACs</b></p>

