

Our Vision:Innovative education for a knowledge, pioneering, and global society.

Work sheet-3[2017-18]

Subject: ScienceGrade: 4__

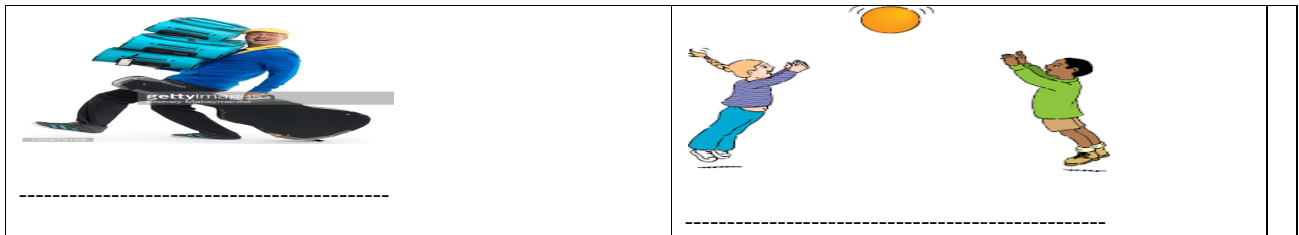
Lesson 10: Force, Work and Energy

A

1. Force can-

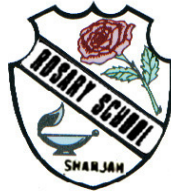


2. Identify the type of force.



3. Identify the type of simple machines.TYPE





 Pliers	 TONGS	 NUTCRACKER	
 WHEEL BICYCLE	 GIANT WHEEL	 FAN	
 Wheel and rope		 Figure 2-2-A. Flag hoist. FLAG HOISTING	







Our Vision:Innovative education for a knowledge, pioneering, and global society.

B

4. Identify the type of energy used.

 SOLAR HEATER -----	 WIND MILL -----	 FLOWING WATER -----	 HEAT ENERGY INSIDE THE EARTH -----
--	---	--	--

5. Write the change in form of energy.

 FAN	----- → -----
 BULB	----- → -----
 MAGNIFYING GLASS	----- → ----- -
 TELEVISION	----- → ----- -



Our Vision:Innovative education for a knowledge, pioneering, and global society.

C

6. Answer the following-

- a. What is mechanical energy?
- b. When is work said to be done?
- c. Name two devices which use solar energy.
- d. Define force.
- e. What is solar energy?
- f. What is geothermal energy?
- g. Why we use simple machines?

UNITED ARAB EMIRATES

ROSARY SCHOOL / HALWAN

Licensed from the Ministry of Education

Under No.(50)



دولة الامارات العربية المتحدة
مدرسة الوردية الخاصة / حلوان
المرخصة من وزارة التربية والتعليم
تحت رقم (50)

Our Vision:Innovative education for a knowledge, pioneering, and global society.