



# Homeschool Learning Network

## Energy Works!

Name \_\_\_\_\_

Date \_\_\_\_\_

What is the definition of the word “energy”? Well, according to most physicists:

**Energy** is the ability to do **work**.

Part I. Let’s look at some examples to help better understand the forms of energy and their relation to work.

- a. You use your body’s **heat** and **chemical** energy when you work to **clean** your room, **run** to catch a ball, and even when you **think** about your homework!
- b. Plants use the sun’s **light** energy to **grow** and **produce** oxygen; both growing and producing are forms of work to a plant.
- c. A radio uses **electrical** energy to **produce** sound.
- d. A mill uses **mechanical** energy to **grind** grain.

Using the table below, enter the bolded words from sentences a-c into the correct category. The first one has been done for you.

Sentence	Form of Energy	Form of Work
a.	Heat, chemical	Clean, run, think
b.		
c.		
d.		

Part II. Can you think of three more examples to show how energy is related to work? Write your sentences in the spaces provided below.

a.

b.

c.