

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Block: \_\_\_\_\_

## Energy Web Hunt

The answers to the following questions can be found by searching the Internet or going to <http://www.hallsville.org/elementary/stillwell/webquests/energywq/scavengerhelp.html>. Click on the A & B buttons at the end of each question for additional links.

1. What is energy? \_\_\_\_\_

\_\_\_\_\_

2. What are six forms of energy? **Find an example of each.**

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

5. \_\_\_\_\_

\_\_\_\_\_

6. \_\_\_\_\_

\_\_\_\_\_

3. True or False Potential energy is stored energy.

4. The two types of energy are potential energy and \_\_\_\_\_ energy.

5. Heat energy moves in these three ways. Match the word to its meaning.

a. Conduction \_\_\_\_\_ movement of gases or liquids from a warmer to cooler spot

b. Radiation \_\_\_\_\_ heat traveling in straight lines like the rays of the sun

c. Convection \_\_\_\_\_ energy passed directly from one item to another

6. \_\_\_\_\_ and \_\_\_\_\_ are two units of measure for energy.

7. Energy can only be changed into another sort of energy. It cannot be \_\_\_\_\_  
nor can it be \_\_\_\_\_.

8. Give three examples of energy being changed to other forms.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

9. Sources of energy can be divided in to two categories, renewable and nonrenewable. Name 5 common renewable sources of energy.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

10. Name 4 nonrenewable sources of energy.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_