

# Forms of Energy Webquest

Follow the links to answer questions about the different types of energy. Use the lines in front of each website to check them off as you complete them.

\_\_\_\_\_ Go to: <http://tiki.oneworld.net/energy/energy1.html>

What is energy? \_\_\_\_\_

Energy can be \_\_\_\_\_ from one form to another, but it \_\_\_\_\_ be \_\_\_\_\_!

Hover over the word "changed." Give an example of how your body changes energy.

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\_\_\_\_\_ Go to: [http://www.enwin.com/kids/electricity/types\\_of\\_energy.cfm](http://www.enwin.com/kids/electricity/types_of_energy.cfm)

Fill out the chart on different types of energy.

Type	Define	Example
Kinetic		
Potential		
Mechanical		
Heat		
Chemical		
Electrical		
Gravitational		

Describe how kinetic and potential energy change into each other and back again.

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\_\_\_\_\_ Click on games and "Test your smarts."

Type of Energy	What YOU can do to conserve it

Go to: <http://www.eia.gov/kids/energy.cfm?page=riddles> Write 3 riddles:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Go to: <http://www.sciencekids.co.nz/gamesactivities/electricitycircuits.html>

Follow the directions on the screen to answer the following questions:

1. How did the light bulb grow more brightly? \_\_\_\_\_
2. Draw the circuit with the 2 dimly lit light bulbs. Why were they dimmer?

\_\_\_\_\_

\_\_\_\_\_

3. How did the coiled wire affect the brightness? Why?

\_\_\_\_\_

\_\_\_\_\_

Go to: <http://www.hantsfire.gov.uk/circuits>

In the space to the right draw a completed circuit.

Why do batteries have a + and – side?

\_\_\_\_\_

Video	Score
Forms of Energy	
Kinetic Energy	
Potential Energy	
Energy Sources	