

Name: _____

Welcome to your Energy Webquest

Find this website: www.energyquest.ca.gov



Make sure you are on the HOME PAGE, this is where you come back to if you are lost or forget. It has each (with a tab) section on it for you to click.

- For each section, you will need go on a quest and read to find the answers to help you become an Energy Expert.

Part I: Energy Story

★ Click on the Energy Story tab ★

*Click on Chapter 1: Energy, What is It ?

Directions:

Read/Explore Chapter 1 to answer the questions.

1) The definition of "energy" is:

2) The 2 types of energy are:

_____ Energy _____ Energy

*Click on How do We Measure Energy

Directions:

Read/Explore How Do We Measure Energy to answer the questions.

1) The term "Joule" is named after _____.

2) A buttered piece of toast has _____ kilojoules.

A buttered piece of toast has _____ joules.

***Click on Changing Energy**

Directions:

Read/Explore Changing Energy to answer the questions.

1) Can we change energy? Yes or No

2) Give an example of "Changing Energy" that you found.

***Click on Food Energy**

Directions:

Read/Explore Food Energy to answer the questions.

1) How does a chicken give you energy?

***Click on Heat Energy**

Directions:

Read/Explore Heat Energy to answer the questions.

1) The 3 types of heat energy are:

★Click on Chapter 12: HydroElectric Power ★

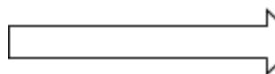
Directions:

Read/Explore HydroElectric Power to answer the questions.
Fill in the blanks with the correct answer.

1) Hydro means _____.

2) Hydroelectric power uses _____ energy of moving water to make electricity.

3) The state of _____ leads the nation in hydroelectricity.

 Go to the HOME SCREEN

★Click on the Movie Room ★

Directions:

Watch the Kid Wind Video. (Video # 3)
Answer the question below

1) List 2 things that you saw and/or learned in the video.

★ Click on Chapter 15: Solar Energy ★

Directions:

Read/Explore Solar Energy to answer the questions.

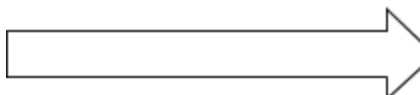
1) The 2 things that are indirectly responsible for ALL our energy are:

Click on: Solar Heat

Directions:

Read/Explore Solar Heat to answer the questions.

2) List 2 items that can be warmed/heated by solar panels:

 Go back to the HOME SCREEN

Explore the home page to find the answers to the following questions.

You will need to move the mouse over the different items in the room to try and find where the answers are.

***Find the "Super Scientists"**

1

Scientist # 1 Name: _____

Scientist # 2 Name: _____

What They Did: _____

***Find the "How it Works"**

Thing I Picked: _____

How it Works: _____

***Find the "Energy News"**

Headline: _____

Important Information I Picked: _____
