

Name: _____

Personal Energy Audit: Spreadsheet Worksheet (version 2)

In this activity you will:

1. Examine your energy use habits.
2. Identify your high-energy consumption activities.
3. Identify some energy consumption habits you can change to reduce your energy use.



Analyze the results.

Analyze your energy use practices based on your Energy Audit Spreadsheet. Look at your **TOTALS** and complete the following table:

	kW*h/year	BTU/Year	Out of pocket cost per year (dollars)
Activities			
Entertainment			
Communications			
Personal Care			
Lighting			
Food Preparation			
Heating and Cooling	58,400	199,249,402.93	\$6,424.00
Cleaning	1614.60	5,508,700.10	\$177.61
Short Range Transportation	10,082.72	34,400,256.41	\$1,109.10
Long Range Transportation	1,089.48	3,717,105.04	\$119.84
Personal Usage Totals			

Use the **table above** to answer the following questions:

1. Which 3 activities have the highest out of pocket cost per year (dollars)?

2. Which 3 activities have the lowest out of pocket cost per year (dollars)?

3. If you travel using mass transit (buses, trains, or planes) why do you think your **electrical equivalency cost** is less than your actual ticket cost?

Use your **spreadsheet** to answer the following questions:

4. List **5 daily activities** where you could **reduce** your energy use.
Describe how you would reduce your energy consumption for each activity?

Energy Use activity	Ways to reduce my energy use
1.	
2.	
3.	
4.	
5.	

5. List **3 energy use activities** that **cannot be easily reduced**.
Why is it difficult to reduce your energy consumption for each activity?

Activity	Difficulty in reducing my energy use
1.	
2.	
3.	

6. List **5 energy use activities** that would **require your entire household's cooperation to reduce your household total energy use**.
Describe how your household could reduce its energy consumption for each activity?

Activity	Ways to reduce my family's energy use
1.	
2.	
3.	
4.	
5.	