



CSI Energy Literacy – Home Energy Audit

During this unique time when we are spending some much times in our homes, we have the opportunity to consider our energy uses.

Energy is essential to many of our daily activities including heating our homes, chilling our food, traveling to school/work. This individual energy audit will help to identify areas of your daily life where you could take steps to be more energy efficient.

Along with choosing new energy sources, another way to prolong our fossil fuels is to reduce the amount of energy we use every day.

Monitor your daily energy use for one day. Be honest and identify areas where you could be more efficient.

Home Energy – Windows and Doors	YES	NO	N/A
Do you most windows face south?			
Do your windows have shades or blinds?			
Is there weather stripping around windows and doors?			
Are there storm windows or double-paned windows?			
Home Energy – Heating and Cooling			
Do you have a programmable thermostat?			
Does your HVAC system use a filter that is cleaned annually?			
In the summer is your thermostat 73°F or higher?			
In the winter is your thermostat lower than 68°F			
Are the exterior walls of your home insulated?			
Home Energy – Appliances			
Do you run the dishwasher only with a full load?			
Is your dishwasher energy star rated?			
Do you normally clean the lint trap in your dryer after each load?			
Do you ever line dry your clothes?			
Is your refrigerator energy star rated?			
Do you keep the area around the refrigerator clear?			
Are your light bulbs compact fluorescents?			

Do you always turn the light off when leaving the room?			
Do you always unplug appliances when not in use?			
Do you always unplug chargers when not in use?			
Water Use			
Do you have low-flow shower heads?			
Do you take 5-minutes or less showers?			
Do you shut off the water while your brush your teeth?			
Do you have rain barrels for gardening and car washing?			
Is your hot water heater turned down below 120°F?			
Transportation			
Does your vehicle get better than 30 mpg?			
Do you ever car pool?			
Do your ever ride a bike or walk to get to your destination?			
Do you ride mass transportation (buses).			

Questions:

1. Look at the questions where you have answered “no” or “N/A”. Write your total number of “NO” down. Pick 3 that you could improve on in your household. What would you do?

2. Where do you think your household is most efficient? What areas need the most work?

3. List 2 new ideas (not listed above) where your actions could be more energy efficient.

4. List strategies to be more efficient that you could include if you were building a new home.

