

# CONSERVING ENERGY

Energy can neither be created nor destroyed. It can only be converted from one form of energy to another. Example: a stick of dynamite explodes. Energy moves from chemical to kinetic energy.



Energy can therefore be conserved. Energy conservation refers to the reducing of energy consumption through using less of an energy service.

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Answer the following question on how energy is served.

## 1. QUESTION

Who is conserving energy?



## 2. QUESTION

What should they do to conserve energy?

### SORT ELEMENTS

- Switch to energy-saving LED light globes.
- wash clothes in cold water
- Use windows for natural ventilation
- Switch of electrical appliances when not in use.



## 3. QUESTION

Which is the best way reduce your energy bill in the kitchen?

- ☐ Wash wares by hand.
- ☐ Keep the windows open.
- ☐ Use the dishwasher once every day.
- ☐ Keep the window shades down.
- ☐ Buy more tin foods.

#### 4. QUESTION

Select a definition for “energy efficient”.

- ☐ Less energy is need to produce the same outcome
- ☐ New sources of energy can produce the same outcome
- ☐ It is a better way to access energy needed

#### 5. QUESTION

Select the energy efficient ideas in the list below.

- ☐ turn of water heaters when not in use
- ☐ leaving light on
- ☐ using air-condition often
- ☐ drying clothes in the sun

#### 6. QUESTION

Mrs. Baine’s electricity is too high. Suggest one way she can reduce her electricity.

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