



## Hands-On Energy Efficiency

### Pre/Post Test

Directions: Circle the one best answer for each question.

- Which of the following is a false statement?  
a) Saving energy contributes to climate change      c) Saving energy helps control air pollution  
b) Saving energy helps the environment      d) Saving energy saves money
- Which of the following uses the least amount of energy at home?  
a) water heater      b) lighting      c) refrigerator      d) heating and cooling
- An energy source that uses wood, crops, and municipal waste as fuel is \_\_\_\_\_.  
a) hydropower      b) biomass      c) nonrenewable      d) fossil fuels
- Regular incandescent bulbs use most of their energy making \_\_\_\_\_.  
a) electricity      b) energy      c) light      d) heat
- What is a good way to increase the efficiency of heating and cooling our homes?  
a) turn down the hot water heater      c) insulation  
b) unplug electronics you are not using      d) keep windows open
- Tiny air leaks around windows and doors can add up to a hole the size of  
a) a tennis ball      c) a dollar bill  
b) a sticky note      d) a wide-open window
- Which of the following is NOT a good way to reduce the need for air conditioning in hot weather?  
a) install awnings on south- and west-facing walls  
b) keep the shades and blinds open  
c) use ceiling and window fans  
d) plant deciduous trees near south- and west-facing walls
- Which of the following reduces energy use in the kitchen?  
a) cleaning refrigerator coils      c) using a regular oven instead of a microwave  
b) opening the oven often to check on baked goods      d) washing partial loads of dishes
- Which of the following practices wastes energy at home?  
a) turning lights off      c) washing partial loads in the clothes washer  
b) taking short showers      d) washing clothes in cold water
- True or False: Opening doors and windows in your classroom when the heat is on saves energy.  
a) True      b) False

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## **Pre/Post Test Answer Key**

Information that relates to each question can be found on the pages listed below.

1. a) Saving energy contributes to climate change. Page 2
2. b) lighting. Page 3
3. b) biomass. Page 4
4. d) heat. Page 7
5. c) insulation. Page 8
6. d) a wide-open window. Page 8
7. b) keep the shades and blinds open. Page 10
8. a) cleaning refrigerator coils. Page 12
9. c) washing partial loads in the clothes washer. Page 13
10. b) False. Page 14