Student First Name, Last Initial

School

Teacher

CenterPoint Energy School Education Program

Pre-survey

Complete **prior** to watching the introductory presentation. Answer to the best of your ability.

1. Which is a nonrenewable resource?

   - [ ] Coal
   - [ ] Water
   - [ ] Wood
   - [ ] Sunlight

2. What do you call a resource that is naturally replaced and goes on and on?

   - [ ] Nonrenewable resource
   - [ ] Flow resource
   - [ ] Renewable resource
   - [ ] Secondary resource

3. Light-emitting diodes (LEDs) can reduce energy used for lighting in your home by up to 90%.

   - [ ] True
   - [ ] False

4. Windows and doors should be closed when the furnace or air conditioner is operating.

   - [ ] True
   - [ ] False

5. Which of the following would help conserve energy and natural resources?

   - [ ] Using incandescent light bulbs
   - [ ] Turning off lights
   - [ ] Leaving the thermostat at the same setting all year long
   - [ ] Asking an adult to set your water heater temperature higher

6. Which natural resource do we use to generate electricity?

   - [ ] Gasoline
   - [ ] Natural gas
   - [ ] Vegetable oil
   - [ ] Rocks

7. Food has what type of energy?

   - [ ] Kinetic energy
   - [ ] Gravitational potential energy
   - [ ] Stored energy
   - [ ] Elastic potential energy

8. What is it called when a device uses power when it is turned off?

   - [ ] Conductor
   - [ ] Standby power
   - [ ] Insulator
   - [ ] High-efficiency device

9. Conserving water also conserves energy.

   - [ ] True
   - [ ] False

10. Energy efficiency means. . .

    - [ ] Not being able to meet our needs with energy
    - [ ] Not using energy
    - [ ] Using less energy to achieve the same result or outcome
    - [ ] Not thinking about our energy use

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Post-survey

Complete **after** returning the completed *Home Energy Worksheet* (HEW). Answer to the best of your ability. Pre-survey questions are numbered 1 to 10. Post-survey questions are the same but numbered 11 to 20.

11. Which is a nonrenewable resource?

- [ ] Coal
- [ ] Water
- [ ] Wood
- [ ] Sunlight

12. What do you call a resource that is naturally replaced and goes on and on?

- [ ] Nonrenewable resource
- [ ] Flow resource
- [ ] Renewable resource
- [ ] Secondary resource

13. Light-emitting diodes (LEDs) can reduce energy used for lighting in your home by up to 90%.

- [ ] True
- [ ] False

14. Windows and doors should be closed when the furnace or air conditioner is operating.

- [ ] True
- [ ] False

15. Which of the following would help conserve energy and natural resources?

- [ ] Using incandescent light bulbs
- [ ] Turning off lights
- [ ] Leaving the thermostat at the same setting all year long
- [ ] Asking an adult to set your water heater temperature higher

16. Which natural resource do we use to generate electricity?

- [ ] Gasoline
- [ ] Natural gas
- [ ] Vegetable oil
- [ ] Rocks

17. Food has what type of energy?

- [ ] Kinetic energy
- [ ] Gravitational potential energy
- [ ] Stored energy
- [ ] Elastic potential energy

18. What is it called when a device uses power when it is turned off?

- [ ] Conductor
- [ ] Standby power
- [ ] Insulator
- [ ] High-efficiency device

19. Conserving water also conserves energy.

- [ ] True
- [ ] False

20. Energy efficiency means. . .

- [ ] Not being able to meet our needs with energy
- [ ] Not using energy
- [ ] Using less energy to achieve the same result or outcome
- [ ] Not thinking about our energy use

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