

### Lesson 3 (FE 3.2)

## FOLLOW-ME ANSWER KEY

The terms below are listed in alphabetical order for reference only.

They will not follow this order during the game.

- 0800 002 001: the number you should ring if you smell gas
- 999: the number you should call if there has been an electrical fire
- Biomass: a renewable energy source that comes from material made from plants and animals, such as wood, crops, and even garbage
- Coal: a black rock formed from the remains of dead plants hundreds of millions of years ago
- Conductor: a material, such as metal or water, that electricity can easily flow through
- Electricity: what is created by the flow of electrons from one atom to another
- Electric shock: the reason why you should never stick anything other than a plug into an outlet
- Energy: the ability to organize or change matter (to do work)
- Energy audit: a program where an energy expert inspects your home and suggests ways you can save energy
- Energy conservation: the act of using less energy or saving energy
- Energy rating: a letter given to a product or appliance to shows its level of energy efficiency
- Fossil fuels: fuels such as coal, oil, and natural gas that formed from the remains of ancient plants and animals buried underground
- Geothermal energy: heat, hot water, or steam from within the Earth that is used to create electricity and for heating and cooling
- Green: the term used to describe something that is friendly to the environment
- Hydropower: electricity created using energy that comes from moving water
- Kinetic energy: the energy of motion
- Low energy bulb: a type of light bulb that uses up to 75% less energy than a traditional bulb
- Mercaptan: the substance that utility companies add to natural gas to give it a bad smell, like rotten eggs
  - National Grid: poles and power lines that provide a path for electrical energy to flow across the country to homes everywhere
- Natural gas: a fossil fuel that is a type of gas that forms in underground pockets near petroleum

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## I HAVE-WHO HAS? ANSWER KEY

- Non-renewable resource: a resource that is not replaceable once it has been used
- Petroleum: a fossil fuel that means 'rock oil'
- Potential energy: stored energy, such as the kind in food, coal, and natural gas
- Recycling: the process of converting materials that are no longer needed into new products
- Renewable resources: energy sources that can be replaced naturally, such as the sun, wind, and water
- Socket cover: an object used to cover an electrical outlet that is not in use
- Shower timer: something that can be used in the shower to help you know when it is time to get out
- Solar energy: energy that comes from the sun's rays that reach the Earth
- Stand-by mode: what happens when appliances and electronics constantly draw electricity, even when they're not being used?
- Wind energy: energy that comes from the power of moving air