



# Electricity

Write the correct word for each definition in the blank space. Use each word only once.

1. A substance in which all atoms are identical. \_\_\_\_\_
2. The center of an atom. \_\_\_\_\_
3. The negatively-charged particle of an atom. \_\_\_\_\_
4. The positively-charged particle of an atom. \_\_\_\_\_
5. The particle in the nucleus of an atom with no charge. \_\_\_\_\_
6. The smallest part of an element that retains the element's characteristics. \_\_\_\_\_
7. An electrical force within an atomic particle. \_\_\_\_\_
8. The areas around the nucleus where electrons are located. \_\_\_\_\_
9. The force field created between the poles of a magnet. \_\_\_\_\_
10. Electrons that jump from object to object. \_\_\_\_\_
11. A device that does work in an electrical circuit. \_\_\_\_\_
12. A path through which electricity travels. \_\_\_\_\_
13. An object in which the electrons at one end spin in one direction and the electrons at the other end spin in an opposite direction. \_\_\_\_\_
14. How like charges or magnetic poles respond. \_\_\_\_\_
15. A device with magnets and coils of wire that produces electricity. \_\_\_\_\_
16. A device that produces electricity through a chemical reaction. \_\_\_\_\_

## Word Bank

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|-----------|-----------------|----------|
| ▪nucleus  | ▪shells         | ▪magnet  |
| ▪atom     | ▪static         | ▪circuit |
| ▪element  | ▪load           | ▪battery |
| ▪proton   | ▪turbine        | ▪attract |
| ▪neutron  | ▪generator      | ▪repel   |
| ▪electron | ▪magnetic field | ▪charge  |