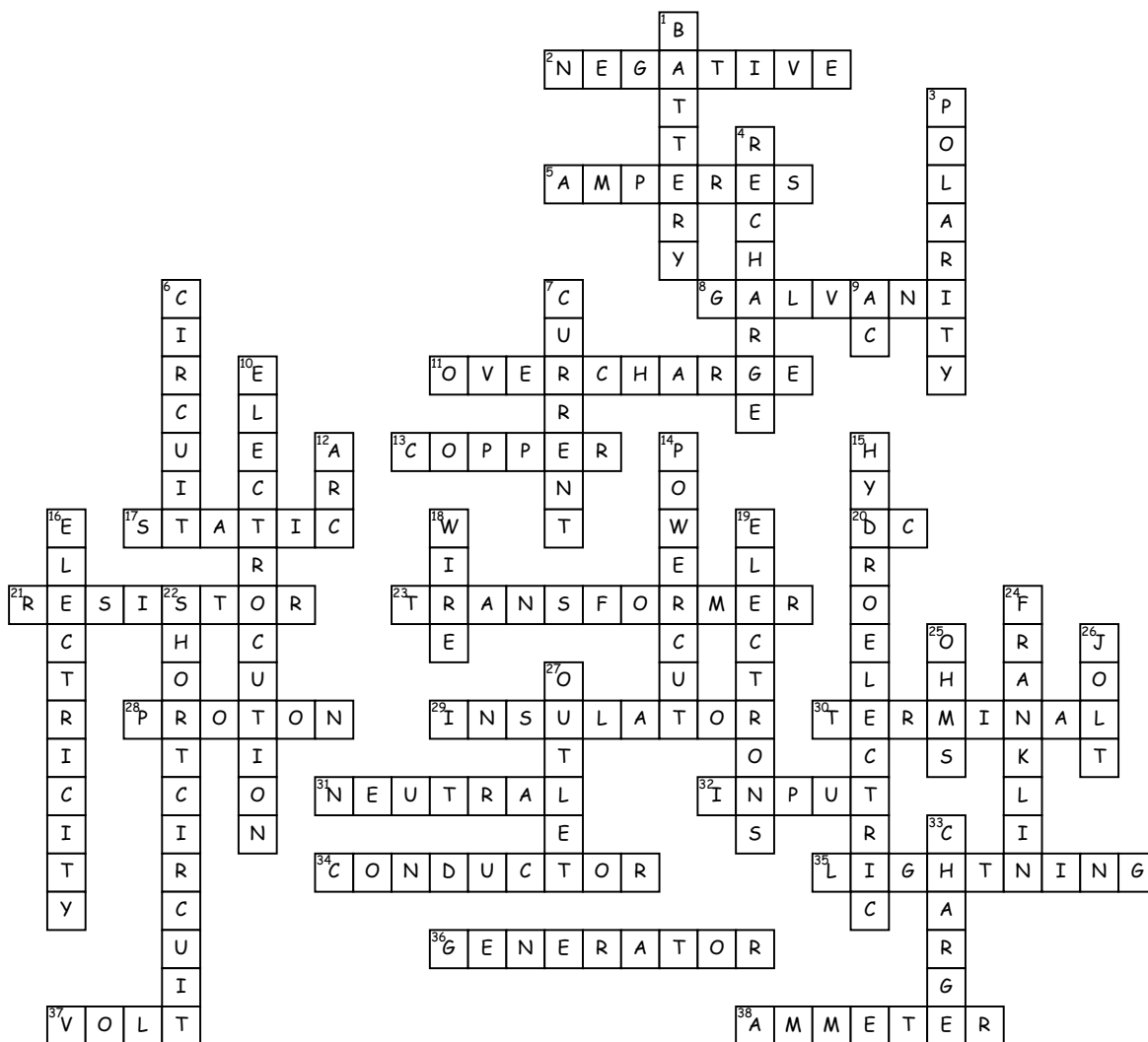


# Science•Electricity



## Across

2. Opposite of positive
5. a unit of measure of the rate of electron flow or current in an electrical conductor
8. Italian physician and physicist
11. To much power into a battery
13. A chemical element with the symbol Cu
17. The occurrence when a balloon is rubbed on your head
20. Abbreviation of direct current
21. is an electrical component that limits or regulates the flow of electrical current in an electronic circuit
23. A device used to transfer electrical energy from one circuit to another
28. subatomic particle found in the nucleus of every atom
29. A material or an object that does not easily allow heat, electricity, light, or sound to pass through it
30. forming or situated at the end or extremity of something

31. An object that does not have a positive or negative charge

32. Electrical or other energy that is put into a machine

34. A material or device that conducts or transmits heat or electricity

35. A natural occurrence that makes the sound of thunder

36. a machine that converts one form of energy into another

37. Symbolised as 'V'

38. an instrument for measuring electric current in amperes

## Down

1. Charged electrically to provide power

3. The condition of having opposite electrical charges

4. To put more power into a battery

6. a system of electrical conductors and components forming an electrical .....

7. the time rate of flow of electric charge

9. Abbreviation of Alternating Current

10. electric current passing through the body

12. A flash of light that happens when electricity flows between two separate points

14. A period when the electricity supply stops

15. Using water power to produce energy

16. the electric charge inside the wires

18. metal drawn out into the form of a thin flexible thread or rod

19. a stable particle with a charge of negative electricity

22. a path of very low resistance has been opened

24. Improved the stove so it was more efficient

25. electrical resistance between two points of a conductor when a constant potential difference of 1 volt

26. A sudden strong increase in energy

27. An electrical power supply

33. Can be known as an electric ....., electrical ..... or an electrostatic .....