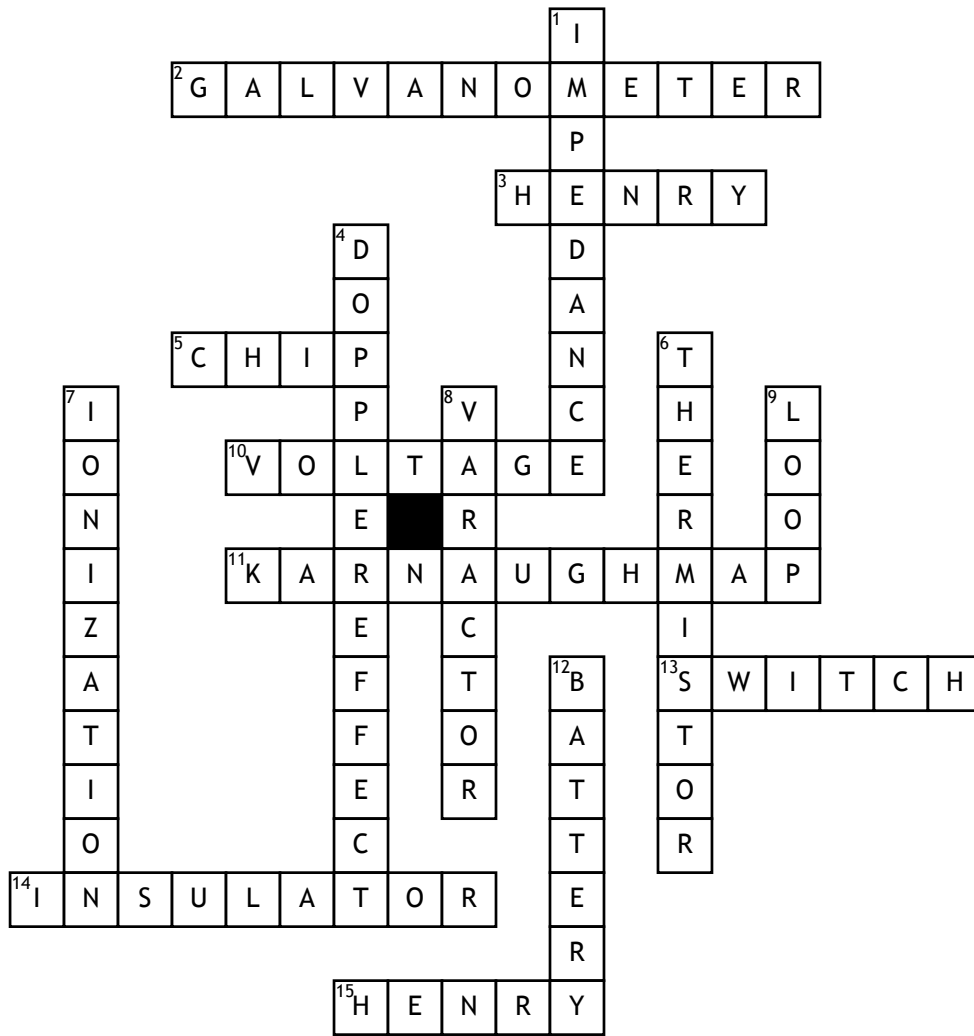


# Electronics and communication



## Across

2. An electric current identifier  
 3. Measure of inductance.  
 5. A basic component of an electronic device  
 10. The term used to designate electrical pressure.  
 11. Used to simplify algebra expressions [two words]  
 13. A device that opens or completes an electrical path.

14. QA material that opposes the movement of free electrons  
 15. Measure of inductance

## Down

1. A measure of total opposition to current.  
 4. A phenomenon that occurs when a vehicle sounding a siren approaches, passes, and recedes from an observer [two words]  
 6. A resistive component that is designed to be temperature sensitive.

7. Occurs when an atom or molecule gains either and positive or negative charge  
 8. Used as a capacitor to control voltage  
 9. An often repetitious code sequence  
 12. Italian physicist Alessandro Volta (1745-1827) is credited with inventing the first one of these in the 1800s

## Word Bank

Henry	Battery	Loop	Impedance	Voltage
Insulator	Dopplereffect	Chip	Henry	Ionization
Varactor	Switch	Galvanometer	Thermistor	Karnaughmap