



**Across**

- 4. We use these to test a theory
- 7. This helps us to push air into a tyre using a pump
- 8. Boiling at a particular pressure is known as evaporation or this
- 10. Everything around us is made up of tiny...
- 12. As volume goes down, pressure goes up, according to this scientist
- 13. -----, liquid or gas
- 14. We measure this to know if something is getting hotter or cooler
- 15. When a substances goes straight from a solid to a gas

**Down**

- 1. The rules that explain the behaviour of gases are called this (two words)
- 2. This keeps you cool (two words)
- 3. People who invent, design and make things work using scientific principles
- 5. Opposite of contraction
- 6. As temperature goes up, volume goes up according to this scientist
- 8. The Fins on the back of a fridge that help to dissipate heat
- 9. A compressor ----- refrigerant around the circuit
- 11. Implement used to measure pressure