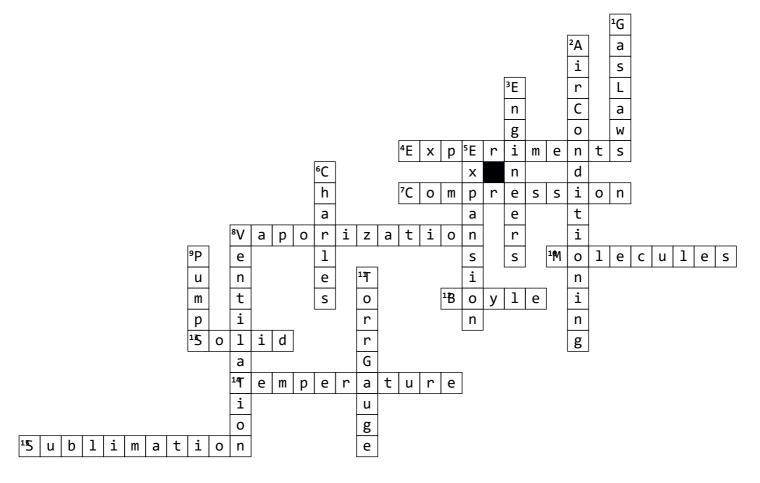
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Across

- 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 princples
- 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