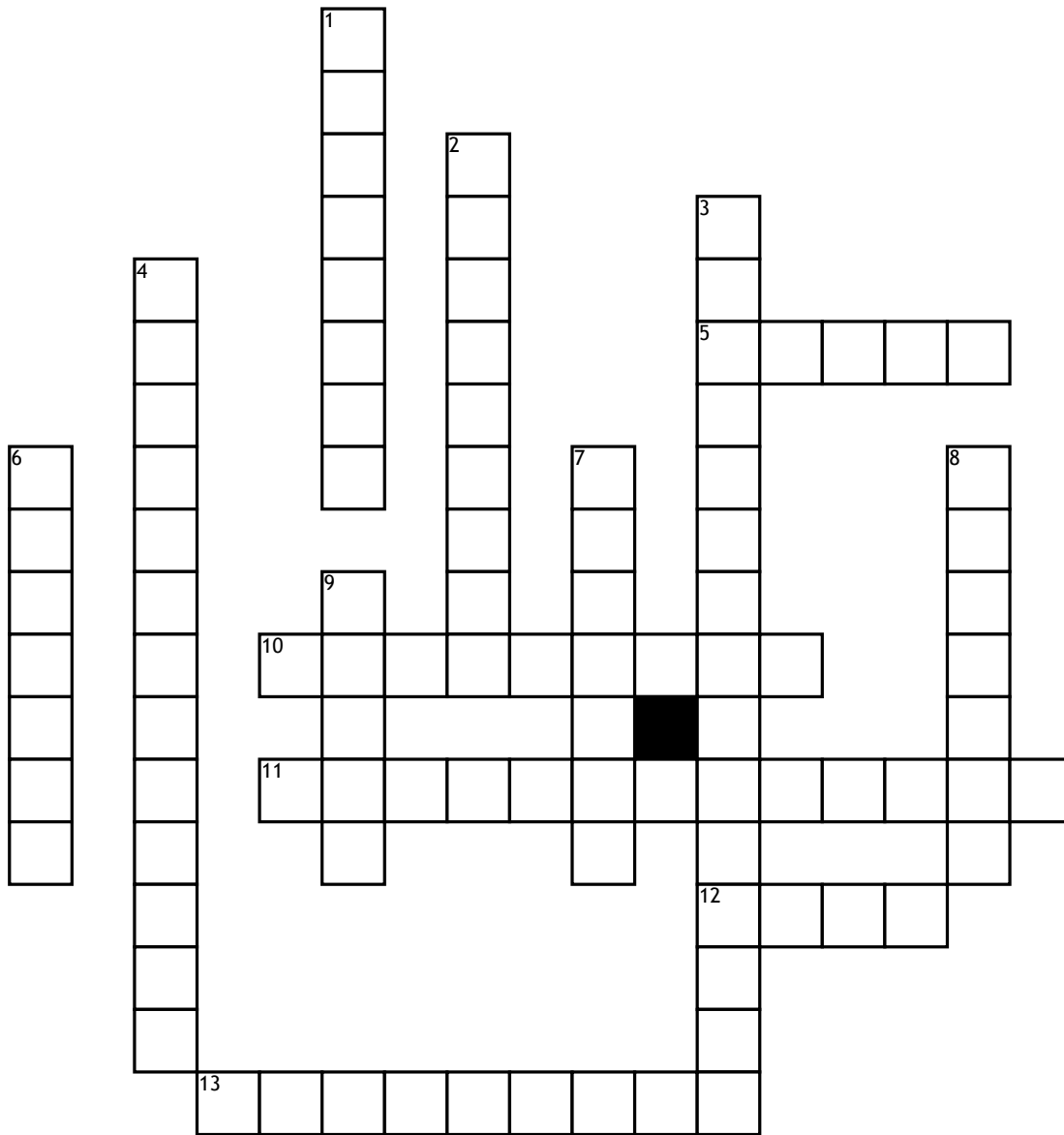


# Electricity and magnetism crossword



**Across**

- 5. Push away
- 10. One end of a magnet. This end points towards the south magnetic pole if it is able to swing freely. Often call the south-seeking pole
- 11. A circuit in which there is only one loop of wire that all the components are connected in
- 12. A source of electricity with a low energy/voltage. Cells push electrons around a circuit

- 13. A piece of equipment in a circuit, e.g. bulb, motor, ammeter, switch

**Down**

- 1. Particles in atoms that are responsible for carrying current
- 2. A straight permanent magnet shaped like a bar
- 3. A circuit with two or more branches that split apart and join up again
- 4. The region around a magnet that magnetic objects experience a magnetic attraction/repulsion in

- 6. A piece of equipment that measures the current in a circuit
- 7. A magnetised piece of metal that can swing round and align with a local magnetic field. It always points north if there are no magnets nearby
- 8. A complete loop of components and wires that electricity flows around
- 9. A way of thinking about or imagining how or why things happen that often makes it easier to understand a complicated process