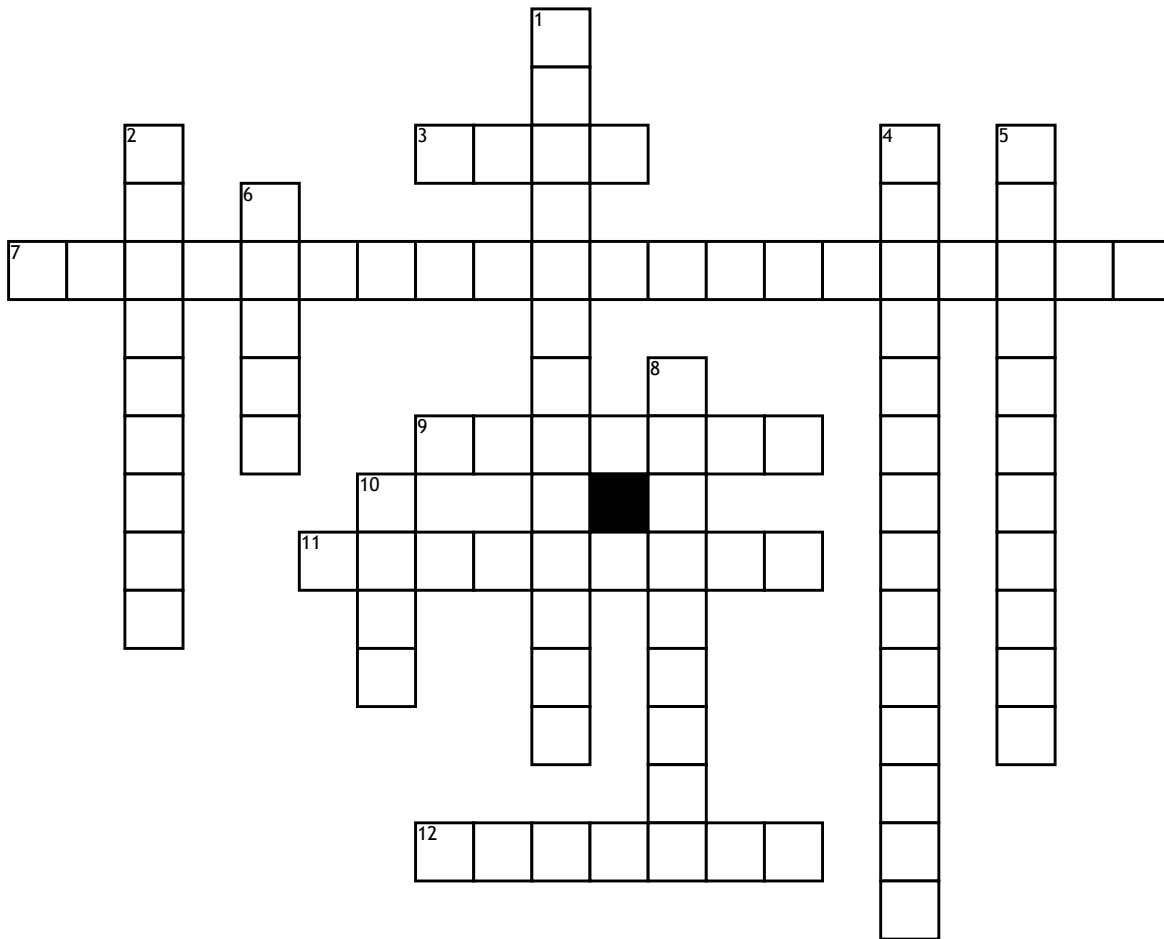


Magnetism



Across

3. a material that keeps its magnetism even after it is removed from a magnetic field e.g. steel (4)

7. Which of Flemings 'rules' are used to determine the direction of movement of a current carrying wire in a magnetic field ? (8,4,4,4)

9. a field that exerts a constant force anywhere inside. The magnetic field lines are parallel (7)

11. material that easily let electricity pass through - a low resistance (9)

12. the rate of flow of charge (7)

Down

1. at right angles (13)

2. the path a compass will follow in a field (5,4)

4. ends of a wire have different amount of charge due to the presence of a magnet (7,7)

5. A device that use current carrying wires in a magnetic field (11)

6. the area around a magnet where a force can be experienced (5)

8. What direction is the arrow head drawn on a magnetic field line ? (5,4)

10. a material that reverts back to normal after it is removed from a magnetic field e.g. pure iron (4)