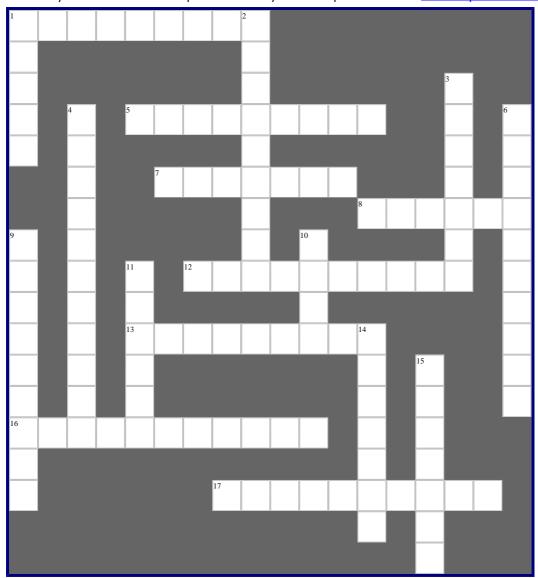
## 8i - Heating and cooling

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## **Across**

- 1. Something that can ignite (catch fire) easily. (9)
- 5. How heat energy reaches the earth from the sun. (9)
- 7. A commonly used temperature scale based on the freezing and boling points of water. (7)
- 8. To take in something, for example heat or light. (6)
- 12. How heat energy moves from bottom to top of a room or an ocean. (10)
- 13. A material that heat moves through quickly. (9)
- 16. Instrument to measure temperature. (11)
- 17. How heat energy moves through a metal bar. (10)

## Down

- 1. To move or rest on the surface of a fluid because of its lower density. (5)
- 2. An increase in length, area or volume, often due to an increase in temperature. (9)
- 3. A thin rubber ball shaped container of gas. (7)
- 4. A measure of the amount of heat in a material. (11)
- 6. Burning. (10)
- 9. A material that heat moves through slowly. (9)
- 10. Thermal energy energy due to the motion of the atoms in a material. (4)
- 11. Nothing at all. This is in space between the sun and the earth. (6)
- 14. To bounce sound or light from a surface, for example. (7)
- 15. "Heaviness", something's mass divided by its volume. (7)