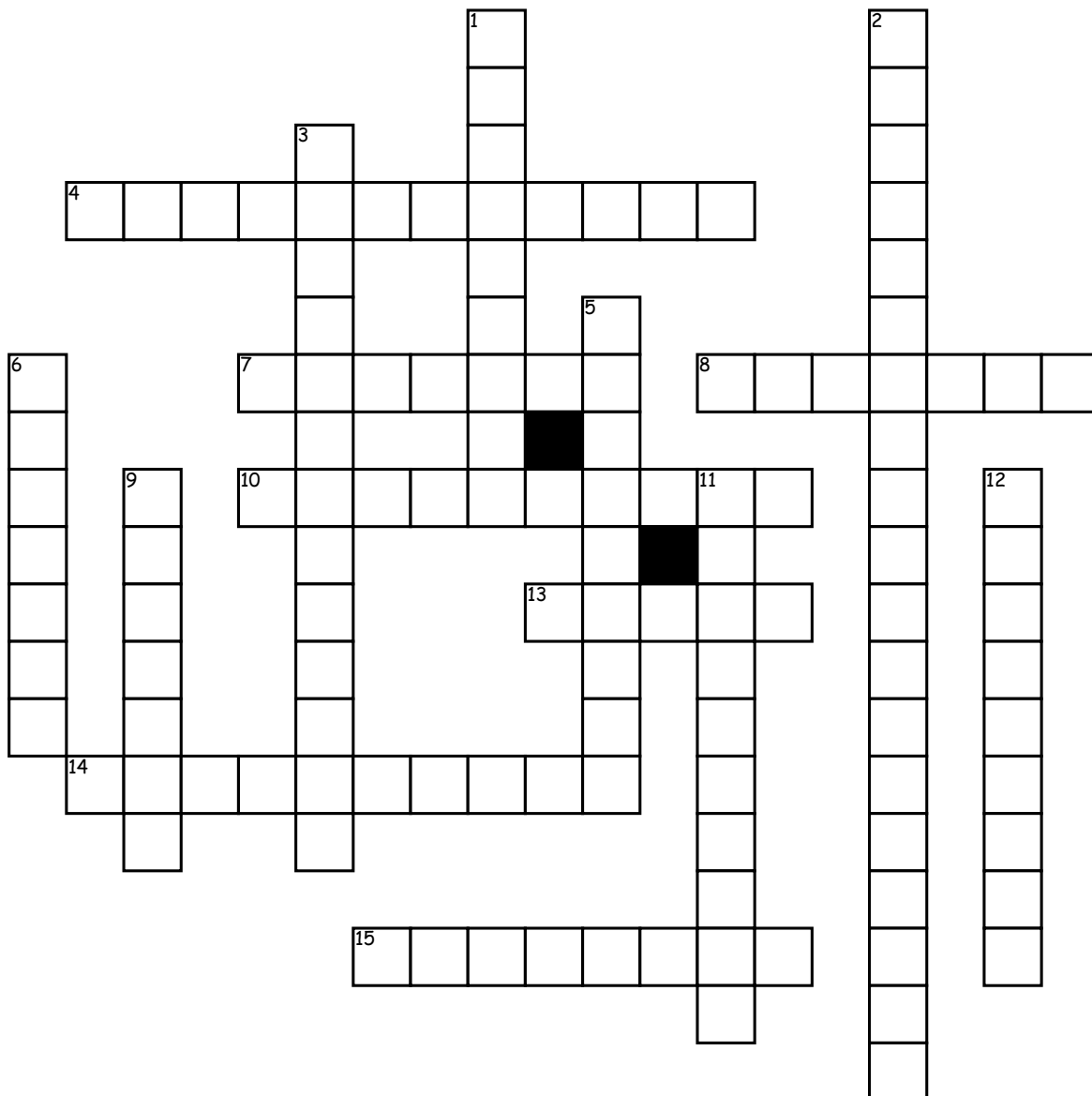


Materials Science - Fit for Purpose



Across

4. This is the temperature at which a solid material turns to a liquid (7,5)

7. What property of a material is identified by its ability to sink or float? (7)

8. This is how much a material can resist a pulling force (7)

10. Materials are fit for purpose because they have different _____ (10)

13. An example of a material that is good at conducting heat and electricity? (5)

14. A plastic that is biodegradable is called this? (10)

15. This property that tells us how good a material is at resisting force (8)

Down

1. A material made up of at least two other materials is known as this? (9)

2. This is how well a material can resist a pushing/squashing force (11,8).

3. Some materials can break down easily. (13)

5. Materials that are man made are called this? (9)

6. This material can be used to make mugs, roof tiles and the heating plates on hair straighteners? (7)

9. This everyday material is made from crude oil? (7)

11. A material that can be easily stretched and return to its original shape, is said to have good _____ (10)

12. Metals are a good example of _____, they can allow heat and electricity to pass through them? (9)