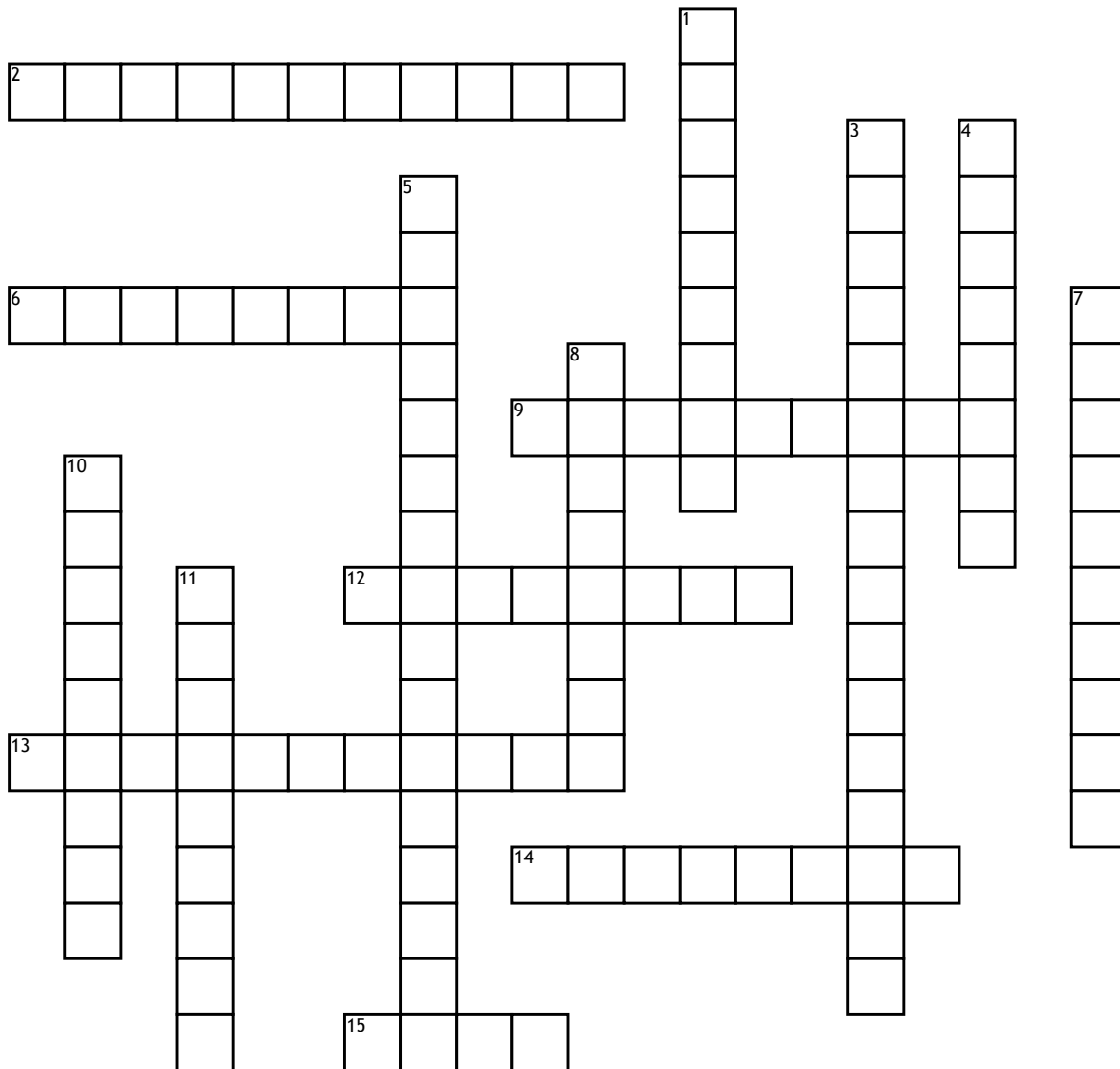


Communication and Homeostasis



Across

2. What internal cells and tissues are bathed in

6. Any change in the environment that causes a response

9. Process waste is removed from the body

12. System which conducts signals very quickly and enables rapid responses

13. Normal core temperature

14. System where chemicals are released directly into the blood and recognised by specific target cells

15. First part of the body to change in temperature if the environmental temperature changes

Down

1. Organisms that rely on external sources of heat to regulate body temperature

3. The reversal of a change in the internal environment to optimum conditions

4. A change in behavior or physiology as a result of a change in the environment

5. A process that increases any change detected by the receptors, tends to be harmful

7. Type of receptor the hypothalamus receives information from in the skin

8. Hormone that increases the uterine contractions which stretch the cervix more

10. Organisms that use internal sources of heat to maintain its body temperature

11. A reaction that releases energy in the form of heat