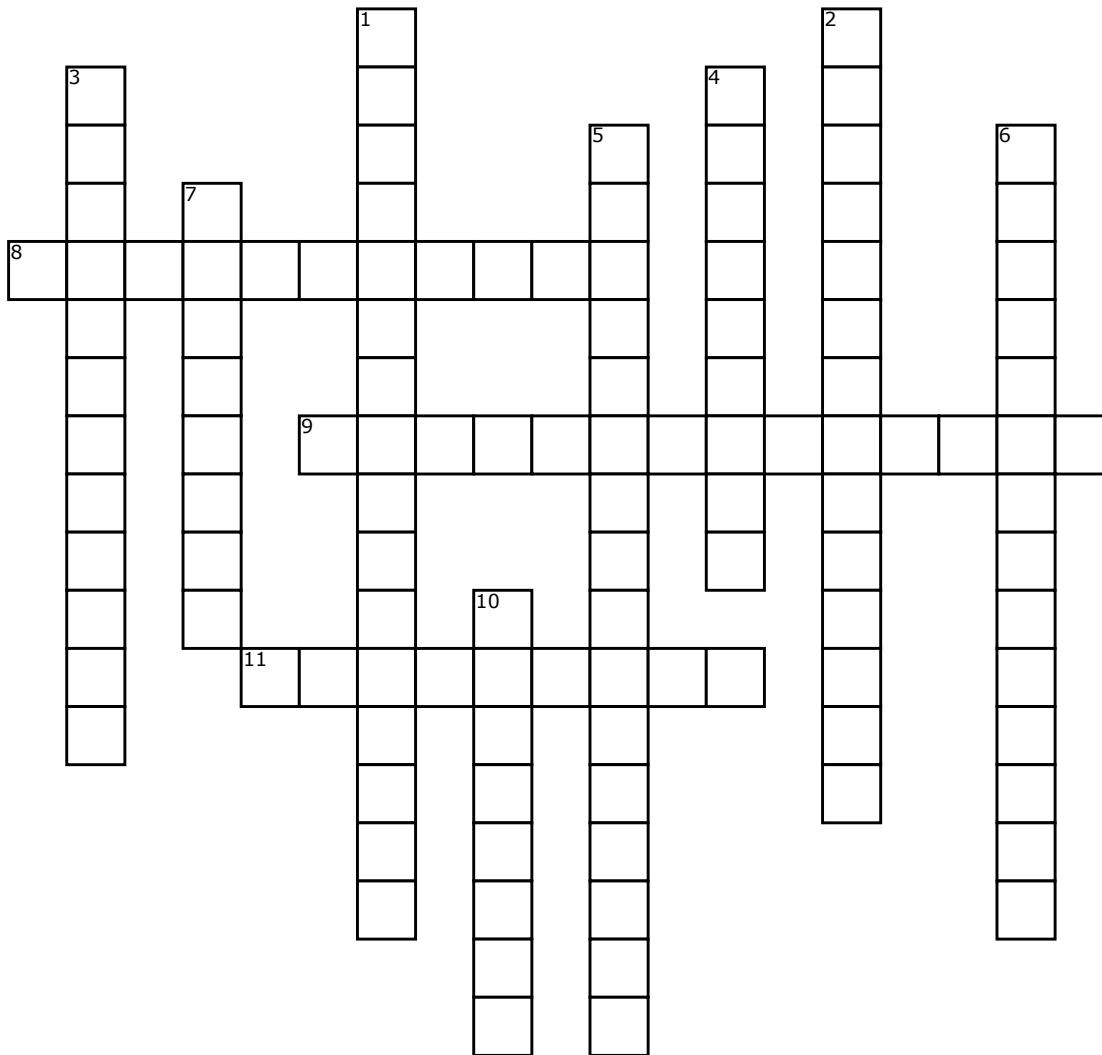


Homeostasis



12

Across

8. Maintenance of internal environment in a constant state despite changing external factors.

9. A method of communication where cells release substances that are detected by other cells

11. An organism that uses internal sources of heat to maintain its body temperature.

12. Organism that relies on external sources of heat to regulate its body temperature.

Down

1. Reversal of a change in the internal environment back to optimum conditions.

2. A system which conducts rapid responses within the body

3. Region of our brain responsible for monitoring core temperature

4. A reaction that releases energy as heat

5. A process that increases change

6. Cells that release chemicals directly into the blood from endocrine organs.

7. Change in behaviour or physiology as a result of an environmental change

10. Any change in the environment that causes a response