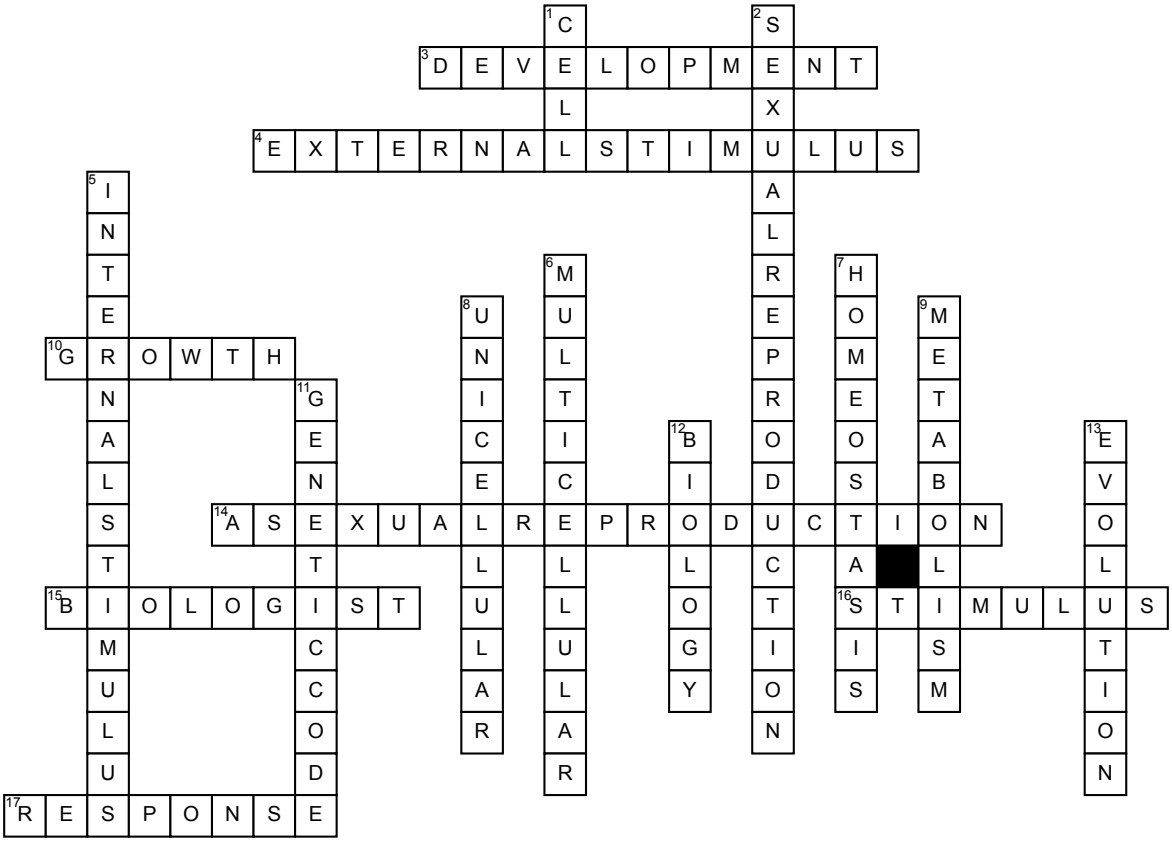
The Characteristics of Living Things



Across

3. a single fertilized egg cell divides again and again to reproduce the many cells of mature organisms

4. changes to the conditions outside the body

10. a simple increase in size

14. the new organism has a single parent

15. someone who uses scientific methods to study living things

16. a signal to which an organism responds

17. the way an organism reacts to a stimulus

Down

1. a collection of living matter enclosed by a barrier that separates the cell from its surrondings

2. two cells from different parents unite to produce the first cell of the new organism

5. changes to the conditions inside the body

6. organsims that contain hundreds, thousands, or even trilions of cells

7. involves internal feedback mechanisms that work in much the same way as a thermostat

8. living things that consist of only a single cell

9. combination of chemical reactions through which an organism builds up or breaks down materials

11. inherited by a molecule called deoxyribonucleic acid, or DNA

12. the science that seeks to understand the living world

13. the way something changes over time