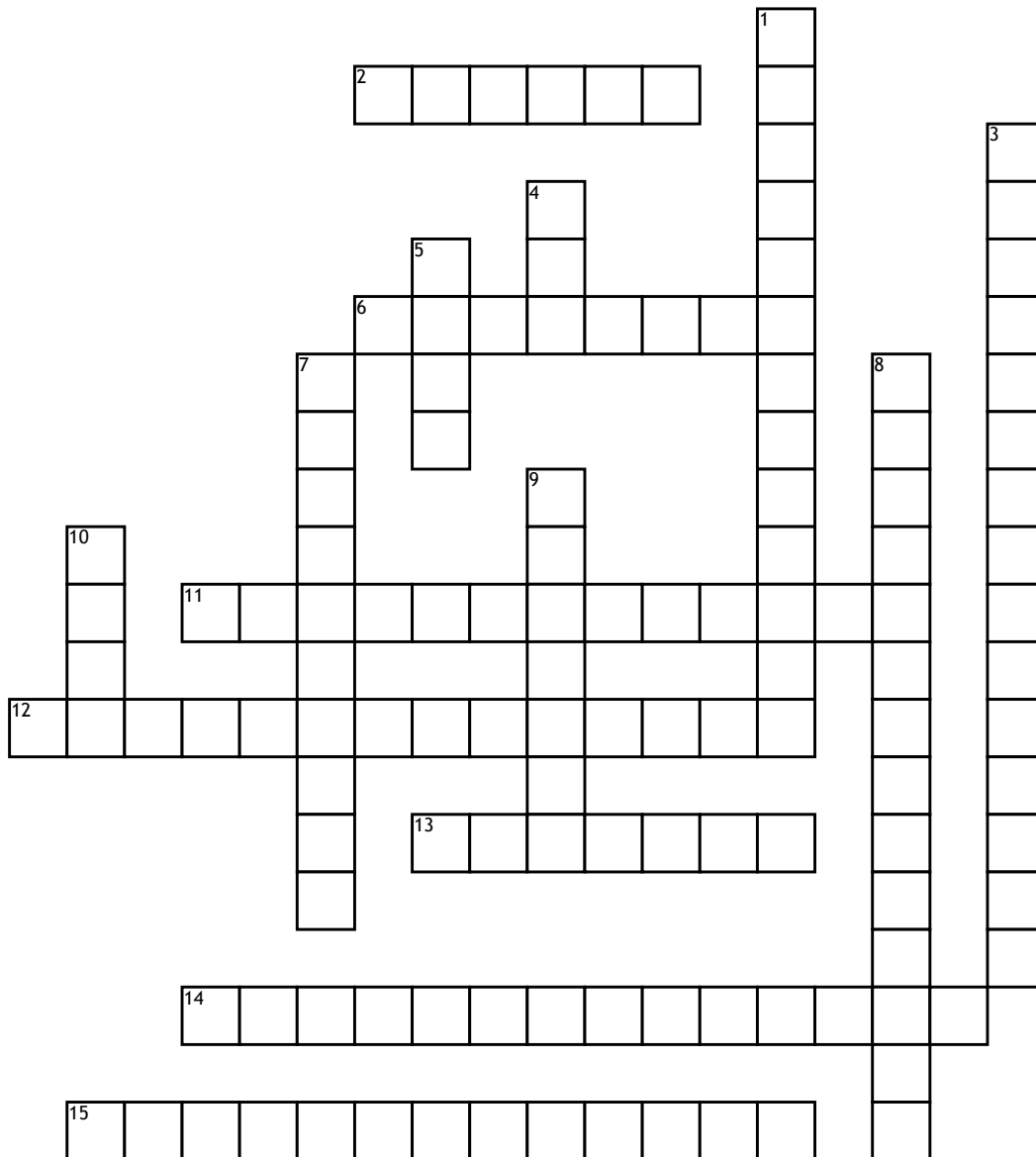


Genetics Vocabulary



Across

2. a gene that has two or more variations; Example; the gene for hairline shape has two alleles - a widow's peak or straight
6. a way in which a living thing acts or responds to its surroundings
11. a genetic trait that is stronger than the other trait you inherit from your parents and therefore you will have that trait; Example: a widow's peak hairline is dominant over a straight hairline.
12. a genetic trait that will only be seen in your genetics if both parents give you the recessive trait; Example: both parents give the recessive gene for straight hairline therefore you will have a straight hairline
13. the "brain" of a cell

14. a characteristic that a living thing gets from its parents

15. an observable characteristic that is determined by your genes

Down

1. a characteristic that a living thing gets during its lifetime
3. a skill that an animal develops after it is born
4. material that transfers genetic characteristics from parents to offspring
5. basic structural and functional unit of all known living organisms; Example: your body is made up or (composed) of cells
7. a thread-like strand inside the nucleus of a cell that is made up of DNA

8. differences in the traits that are inherited; Example: straight hairline or widow's peak hairline is a different in possible traits you could inherit. You might inherit a straight hairline and your brother inherits a widow's peak.

9. produced by or influenced by genes

10. part of the DNA that transfers genetic characteristics from parents to offspring