

Name: _____

Genetics Vocabulary

Across

2. An organism that has two different alleles for a trait

4. Augustinian monk and botanist whose experiments in breeding garden peas led to his eventual recognition as founder of the science of genetics (1822-1884)

5. An organism's genetic makeup

8. The likelihood that a particular event will occur

9. An organism's physical appearance, or visible traits.

12. Scientific study of heredity

13. A condition that appears only in individuals who have received two copies of a mutant gene, one copy from each parent

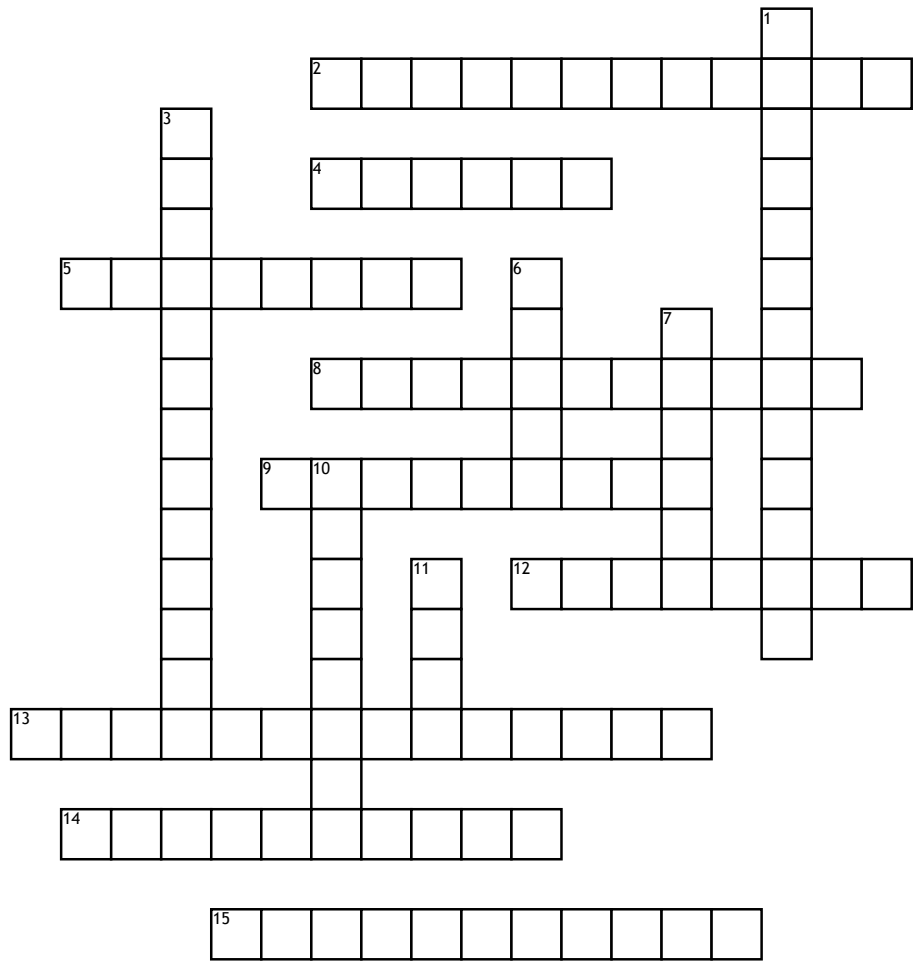
14. An organism that has two identical alleles for a trait

15. These are found in every cell. contained with them is DNA. Located on them are genes.

Down

1. a genetic factor that blocks another genetic factor

3. A diagram for predicting the allele composition of offspring from a cross between individuals of known genetic makeup.



6. A characteristic that an organism can pass on to its offspring through its genes.

7. Alternative forms of a gene for each variation of a trait of an organism

10. The passing of traits from parents to offspring

11. A segment of DNA on a chromosome that codes for a specific trait

