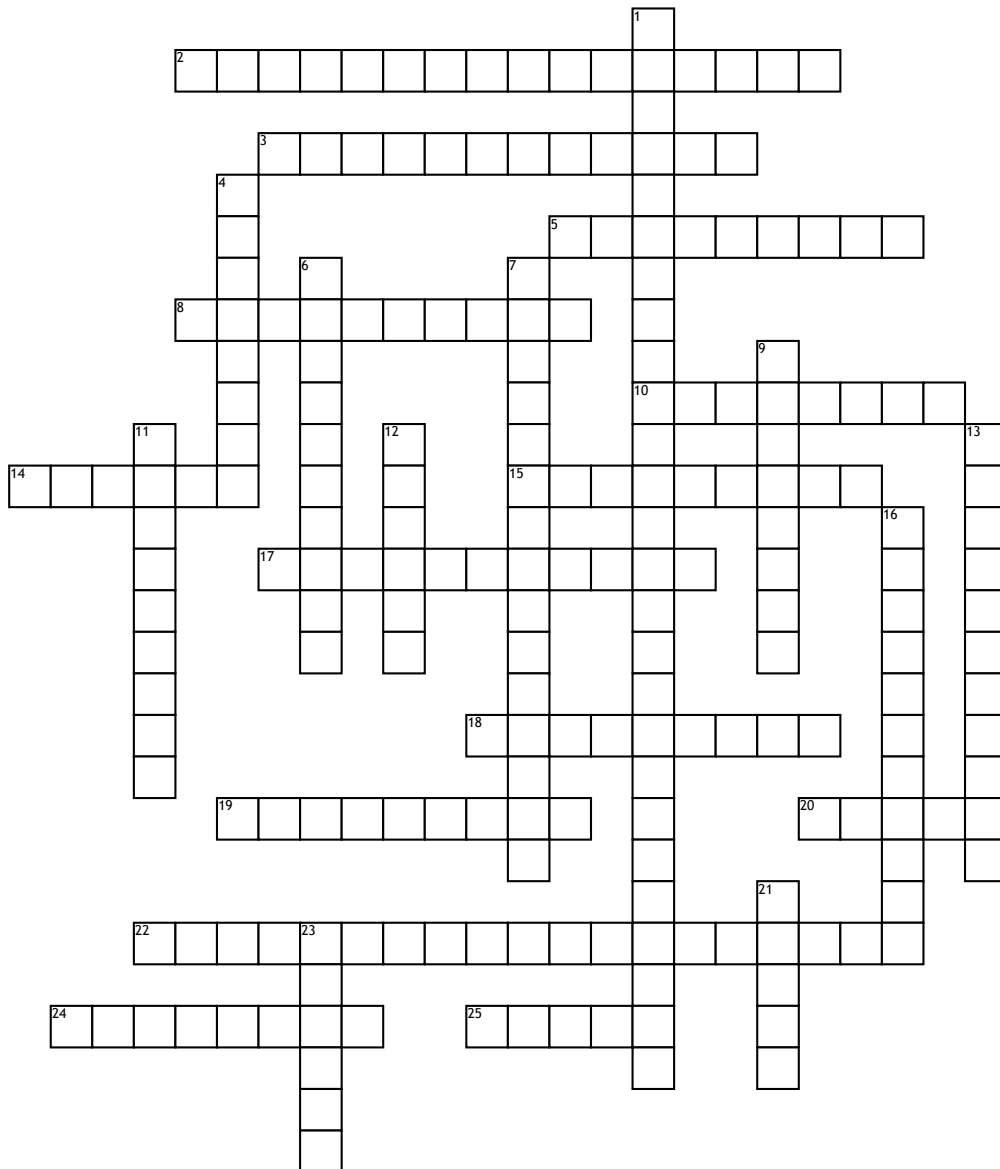


Mendelian Genetics



Across

2. States alleles separate during meiosis for gamete formation
 3. Having two different copies of one gene
 5. the masking of one gene because of the presence of another gene
 8. having two identical copies of a gene
 10. used to trace inherited disorders in families
 14. different versions inherited from parents
 15. The physical and observable traits in an individual
 17. this is an individual who only has 1 copy of a gene to contribute
 18. This allele is only expressed when there are 2 identical copies

19. this inheritance occurs when multiple genes, like in eye color contribute to expression of a trait
 20. a feature that can be inherited or passed down to offspring
 22. this occurs when parental traits are blended in the offspring
 24. This allele is always expressed when it is present, it is called the _____ allele
 25. The most amazing biology teacher at Lennard

Down

1. states that alleles sort into different combinations in gametes during meiosis
 4. the genetic make up of an organism that determines how it will look

6. A Genetic cross between individuals that examines only 1 trait.
 7. when many alleles are contributing to the expression of one trait
 9. a cross between two organisms that examines TWO traits
 11. traits connected to XX or XY chromosomes are said to be
 12. The coolest bio teacher at Lennard
 13. punnett squares are used to identify the _____ of having certain offspring
 16. when two alleles are BOTH expressed in an offspring
 21. the numerical comparison of offspring that have a specific appearance or genetic make up.
 23. The father of modern genetics