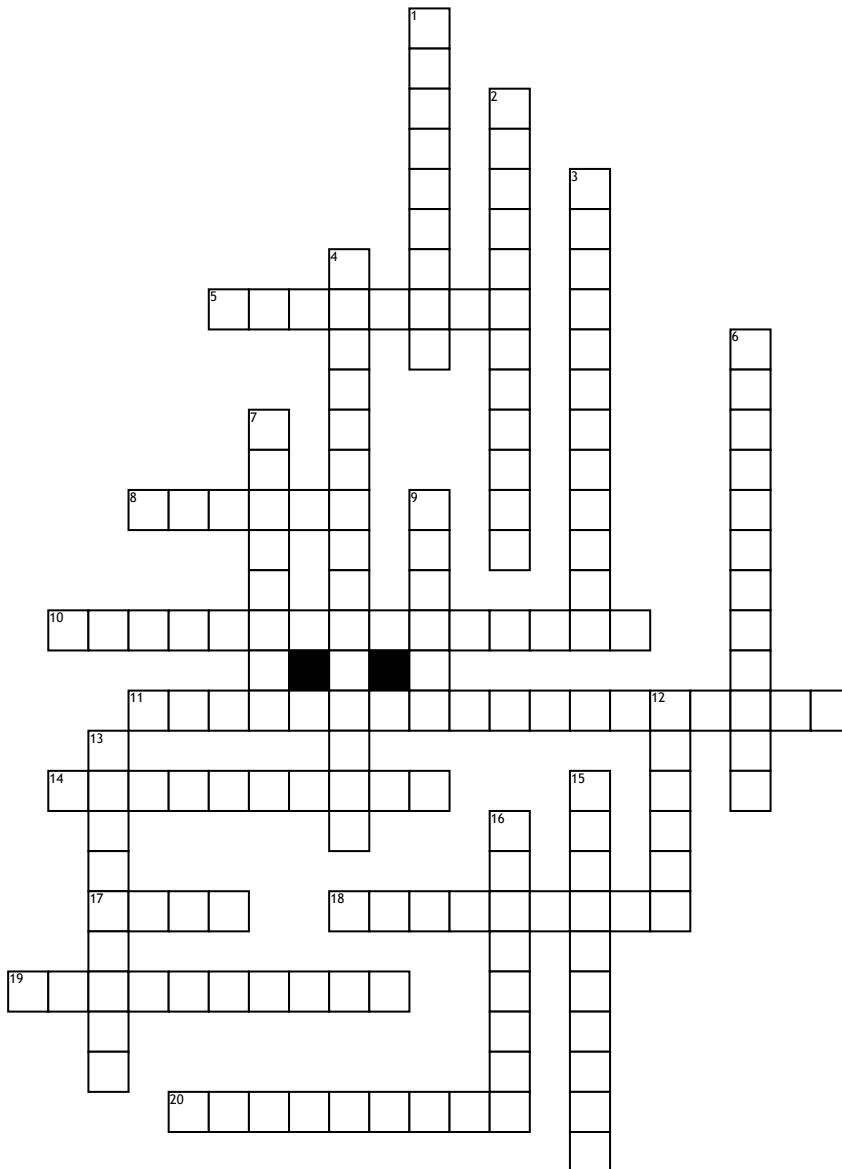


Variation and Inheritance



Across

5. Referring to an allele whose effect is always seen in an individual's phenotype
 8. A reason why predicted ratios are not always achieved
 10. a type of breeding experiment
 11. P1
 14. Describing the genotype of an individual where they have two identical alleles for a particular gene
 17. A sequence of DNA on a chromosome that codes for a protein associated with a particular characteristic

18. Referring to an allele whose effect can be hidden in an individual's phenotype
 19. variation that is measured on a scale
 20. The physical characteristics of the organism

Down

1. the type of bar chart used to display continuous variation
 2. grid used to determine all the possible combinations of alleles in the offspring
 3. Describing the genotype of an individual where they have two different alleles for a particular gene
 4. F1

6. Will produce offspring that will always look the same as the parents
 7. The combination of alleles that an individual possesses, shown by a two letter code
 9. the father of inheritance
 12. A version of a gene with a different sequence of bases that gives rise to a different version of the characteristic
 13. a characteristic controlled by more than one gene
 15. shows the inheritance of a particular characteristic through several generations
 16. variation that falls into distinct categories