

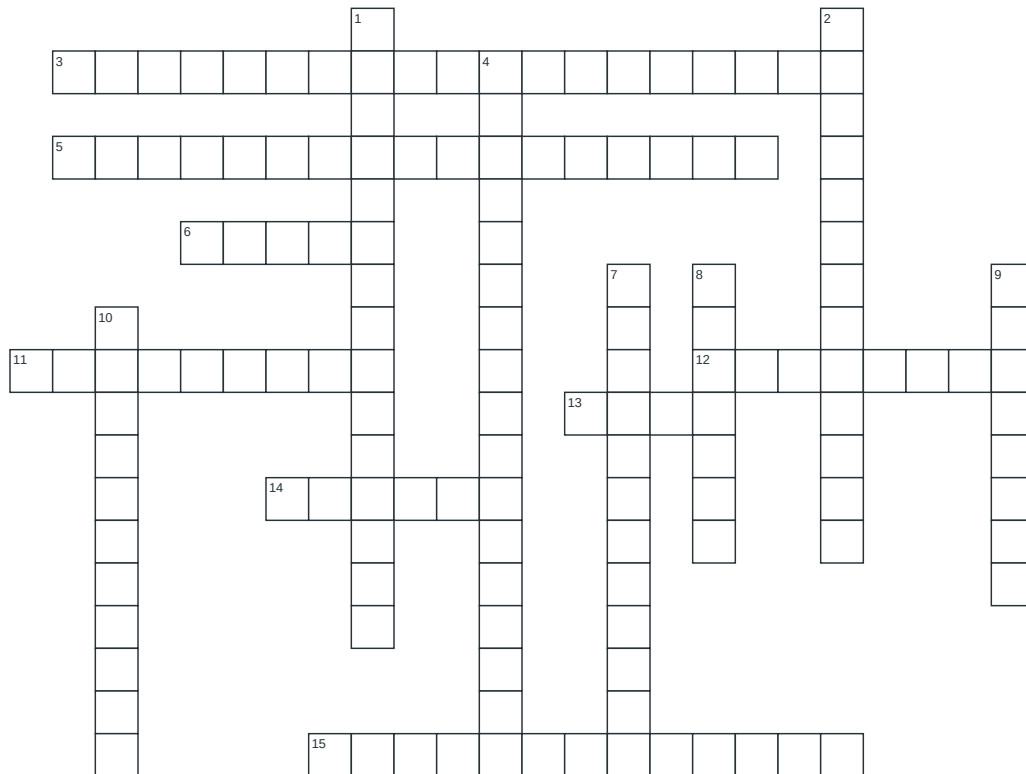
Genetics and Inheritance Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

3. Inheritance pattern in which a heterozygote has an intermediate phenotype
5. Inheritance pattern in which one allele determines the heterozygote phenotype.
6. Position of a gene or DNA sequence on a chromosome.
11. Observable characteristics resulting from genes and environmental effects
12. Change in a DNA sequence that can create a new allele.
13. DNA sequence that contributes to a functional product
14. One of two or more forms of a gene
15. Diagram used to show possible allele combinations in offspring

DOWN

1. Allele whose associated phenotype is masked in a heterozygote under complete dominance.
2. Fusion of gametes that combines genetic material from two parents.
4. Trait expressed in a heterozygote under a complete-dominance model
7. Having two different alleles at a particular gene location
8. Cells carry hereditary information from parents through sexual reproduction
9. Genetic makeup of an organism at one or more gene locations
10. Separation of paired alleles during gamete formation

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Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

3. Incomplete Dominance
5. Complete dominance
6. Locus
11. Phenotype
12. Mutation
13. Gene
14. Allele
15. Punnett Square

DOWN

1. Recessive allele
2. Fertilization
4. Dominant Phenotype
7. Heterozygous
8. Gametes
9. Genotype
10. Segregation