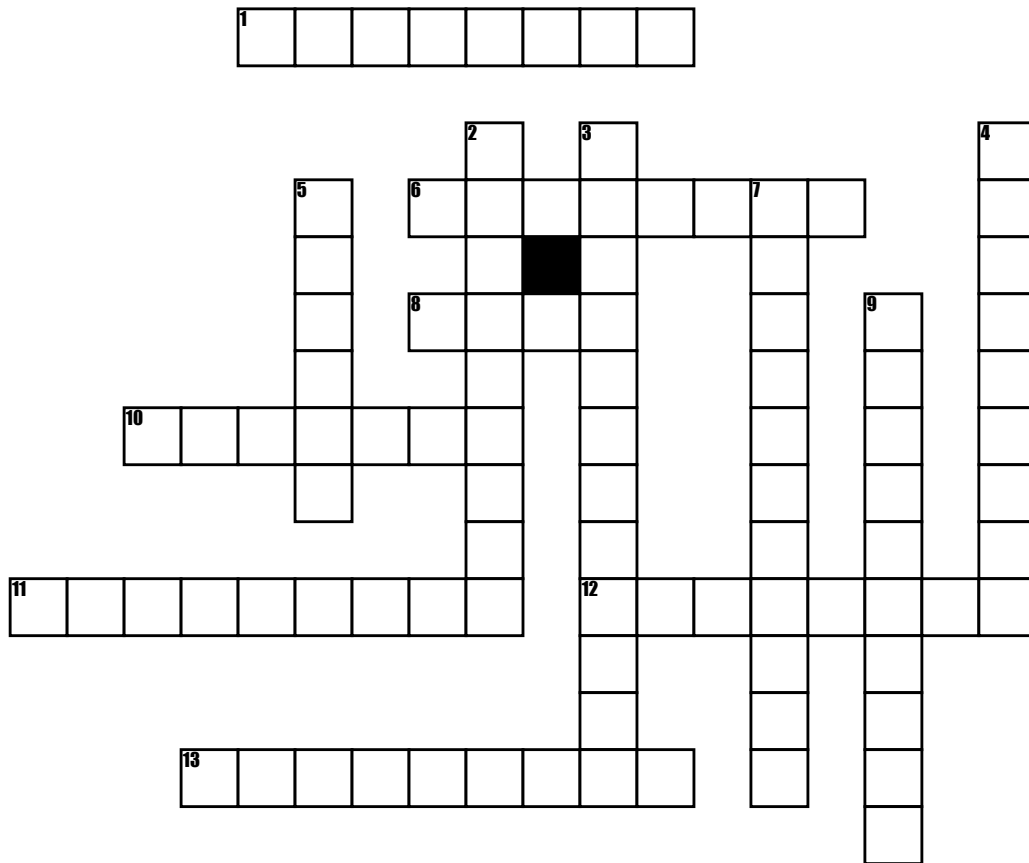


# Genetics Vocabulary Crossword Puzzle



## Across

- 1. This allele overpowers, or takes over, and is what will determine the phenotype (what trait is seen, or expressed)
- 6. The science that studies how genes are transmitted from one generation to the next.
- 8. This specific sequence of DNA determines a person's traits.
- 10. The part of the cell where chromosomes would be found.

- 11. Used to represent a dominant allele.
  - 12. This code, always represented by 2 letters, describes the gene.
  - 13. Used to represent a recessive allele.
- Down**
- 2. This allele only appears in the phenotype if it is paired with its identical allele
  - 3. When both alleles are different.

- 4. The physical characteristic that is seen in an organism.
- 5. This expression of a gene is represented by an upper-case or lower-case letter.
- 7. Humans have 46 of these structures that are made of bundled up DNA.
- 9. When both alleles are the same.

## Word Bank

- |            |             |              |           |          |
|------------|-------------|--------------|-----------|----------|
| homozygous | chromosomes | recessive    | phenotype | genetics |
| nucleus    | uppercase   | heterozygous | genotype  | dominant |
| allele     | lowercase   | gene         |           |          |