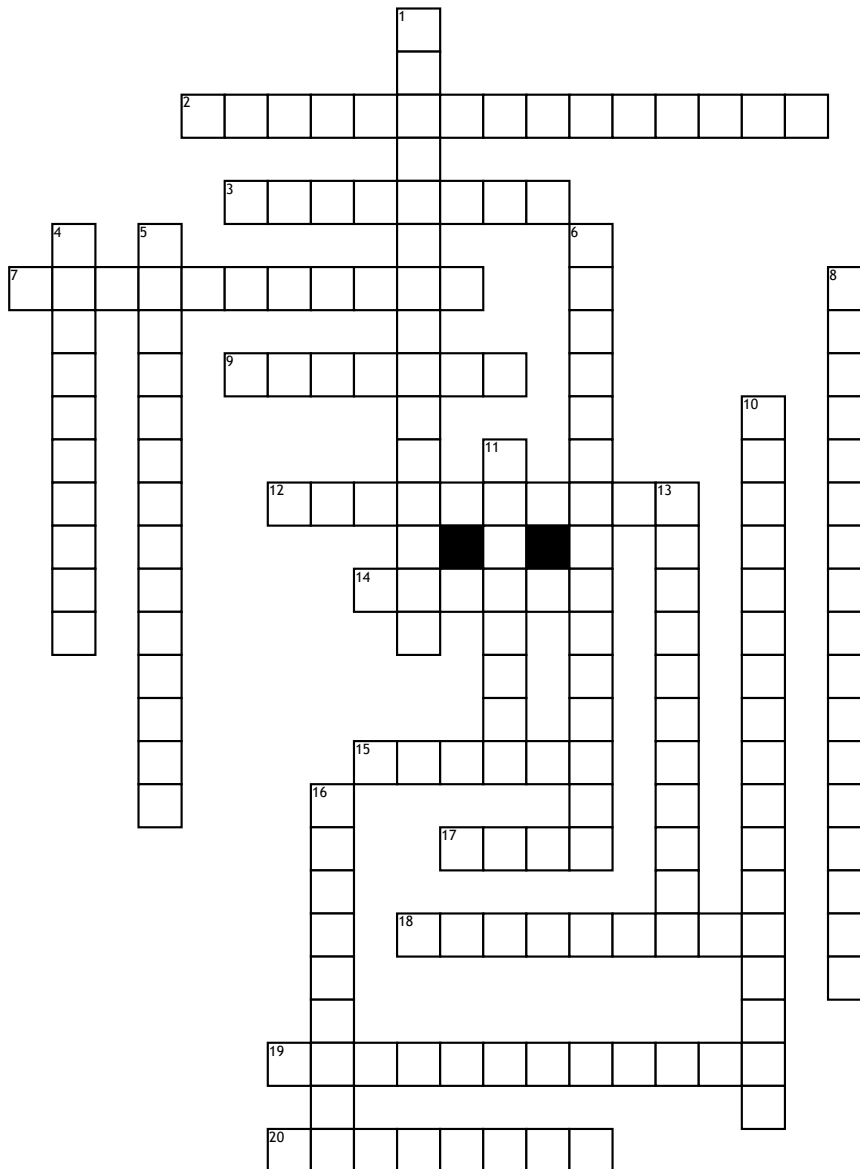


# Heredity Vocab Choice Board



## Across

2. Traits controlled by genes located on sex chromosomes.
3. A change in a gene or chromosome.
7. Codominance Click card to see definition  
 🖱️ both alleles for a gene are expressed completely (e.g. paint horse)
9. dominant allele An allele whose trait always shows up in the organism when the allele is present. carrier A person whose genotype includes a gene that is not expressed in the phenotype.
12. Continued breeding of individuals with similar characteristics
14. Inbreeding Continued breeding of individuals with similar characteristics genome the complete instructions for making an organism, consisting of all the genetic material in that organism's chromosomes
15. Different forms of a gene

17. A segment of DNA on a chromosome that codes for a specific trait
18. A display of the chromosome pairs of a cell arranged by size and shape.
19. pedigree A diagram that shows the occurrence of a genetic trait in several generations of a family. Hybridization A selective breeding method in which two genetically different individuals are crossed
20. A diagram that shows the occurrence of a genetic trait in several generations of a family.

## Down

1. An abnormal condition that a person inherits through genes or chromosomes
4. An organism that has two identical alleles for a trait
5. Homozygous An organism that has two identical alleles for a trait dominant allele An allele whose trait always shows up in the organism when the allele is present.

6. Codominance both alleles for a gene are expressed completely (e.g. paint horse) recessive allele An allele that is masked when a dominant allele is present
8. The process of selecting a few organisms with desired traits to serve as parents of the next generation
10. genes from one organism are transferred into DNA of another organism.
11. gene therapy The insertion of working copies of a gene into the cells of a person with a genetic disorder in an attempt to correct the disorder genotype genetic makeup of an organism
13. The insertion of working copies of a gene into the cells of a person with a genetic disorder in an attempt to correct the disorder
16. physical characteristics of an organism