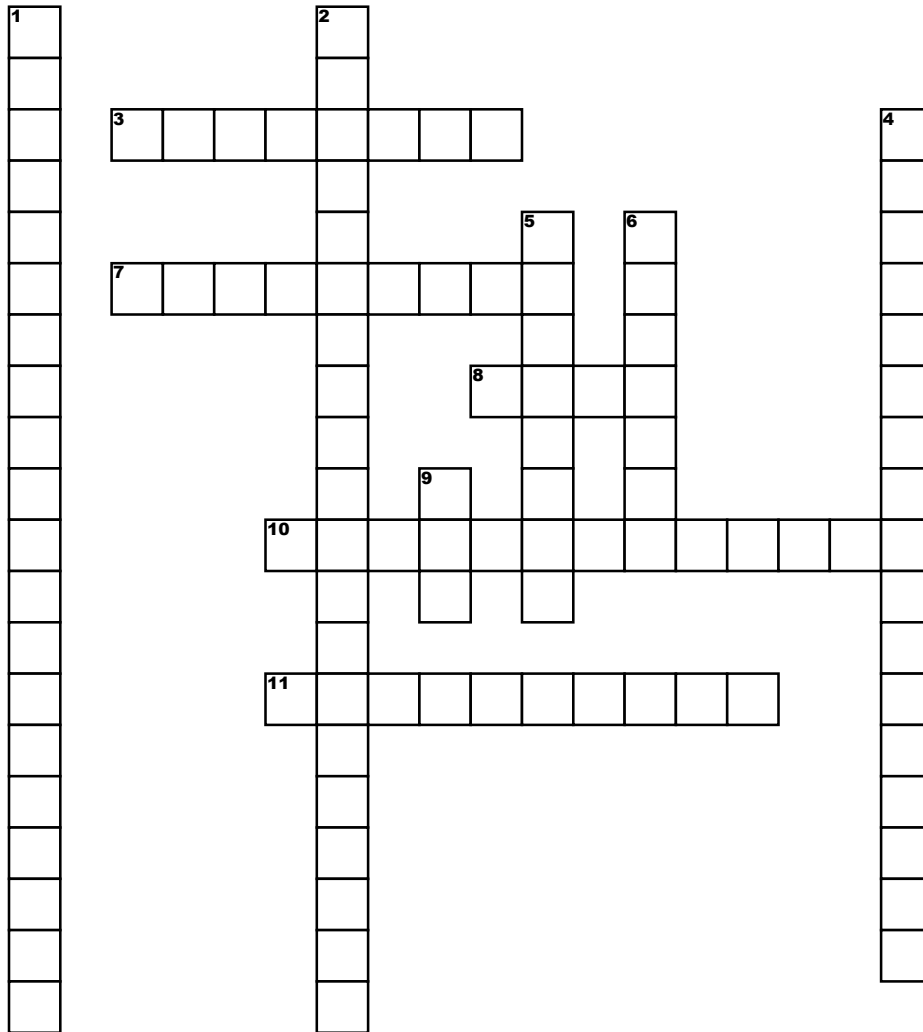


# Heredity



**Across**

- 3. An organism's genetic makeup, or allele combinations.**
- 7. Physical appearance of an organism**
- 8. the basic building blocks of heredity that contain DNA**
- 10. A chart that shows all the possible combinations of alleles that can result from a genetic cross**
- 11. condensed threads of genetic material formed from chromatin as a cell prepares to divide**

**Down**

- 1. An organism that has two identical alleles for a trait**
- 2. An organism that has two different alleles for a trait**
- 4. The breeding of organisms for desired characteristics**
- 5. Passing of traits from parents to offspring**
- 6. The different forms of a gene**
- 9. deoxyribonucleic acid located in the nucleus**

**Word Bank**

- |                              |                           |                             |
|------------------------------|---------------------------|-----------------------------|
| <b>Genotype</b>              | <b>chromosome</b>         | <b>gene</b>                 |
| <b>DNA</b>                   | <b>Selective breeding</b> | <b>Alleles</b>              |
| <b>Homozygous (purebred)</b> | <b>Punnett square</b>     | <b>Heterozygous(hybrid)</b> |
| <b>Phenotype</b>             | <b>heredity</b>           |                             |