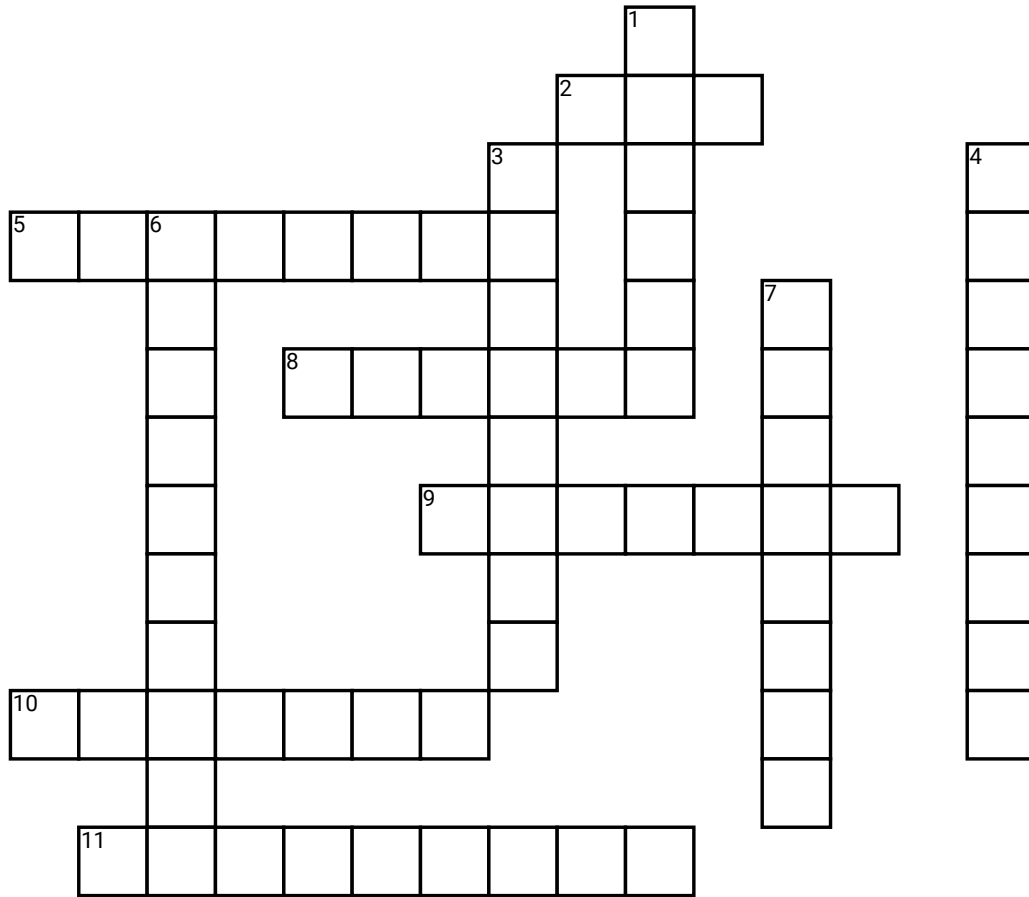


Name: _____

Date: _____

Heredity



Across

- 2. It is a molecule that contains the genetic code of organisms.
- 5. refers to the genetic characteristics of an organism
- 8. A variation of a gene and are found on the same place on a chromosome.
- 9. Form of cell division where a single cell divides into two identical daughter cells.
- 10. Form of cell division that produces gametes. (end result is 4 cells)

- 11. relating to the form of a gene that is not expressed as a trait in one's appearance.

Down

- 1. A protein that acts as a catalyst in chemical reactions (such as DNA replication).
- 3. Study of inherited characteristics called traits.
- 4. Observable traits determined by one's genotype. E.g. Eye Colour
- 6. Organic molecule that is the building block that makes up nucleic acid.
- 7. relating to the form of a gene that can be observed in the physical appearance.

Word Bank

- | | | | |
|----------|------------|-----------|---------|
| Genetics | Nucleotide | Recessive | Allele |
| Meiosis | Phenotype | Enzyme | Mitosis |
| Genotype | Dominant | DNA | |