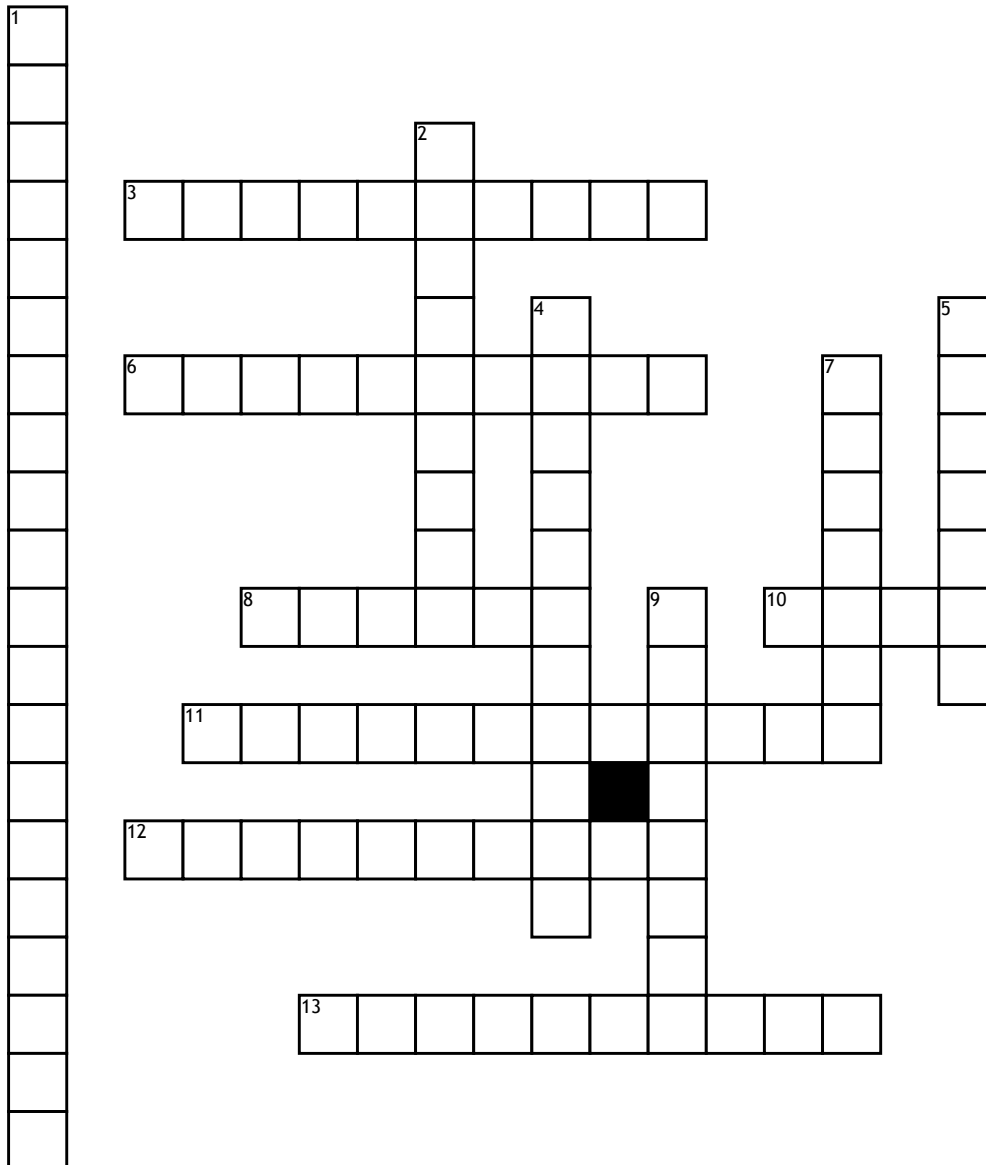


DNA and Genetic Code



Across

- 3. The building blocks of proteins that are coded for by triplets in a gene
- 6. Having the same structural features and patterns of genes
- 8. Different versions of the same gene. Can be dominant or recessive.
- 10. A section of DNA that codes for a specific trait or characteristic
- 11. The bonds that hold together amino acids to form protein chain

- 12. A subunit of DNA that is made up of a phosphate group, a sugar and a base
 - 13. A strand of DNA that contains many different genes; a normal human has 46 chromosomes (23 pairs)
- Down**
- 1. A macromolecule that carries or contains our genetic information and is located in the cell's nucleus

- 2. A photograph or illustration of the chromosomes of a cell organised in an orderly fashion
- 4. The shape of DNA
- 5. A sequence of three bases that code for an amino acid
- 7. The centre of the cell where DNA is located
- 9. A chain of amino acids that fold into different shapes and are the building blocks to most of our body and have vital functions such as breaking down food.