DNA - Deoxyribonucleic acid
- stores genetic information
- carries the codes for all genes
- shaped like a twisted ladder called a double helix

Nitrogenous Bases = Adenine, Guanine, Cytosine, Thymine

Purines - contain 2 rings
- adenine & guanine (Pure as gold)
**Pyrimidines**
- contain Uracil (U) & Thymine (T)

**Base Pairing**
- A bonds with T
- C bonds with G
  (purine bonds with pyrimidine)

DNA is double stranded like a ladder

- sides are made up of phosphate groups & deoxyribose sugar
- rungs (steps) of ladder are made up of bases - held together by hydrogen bonds