

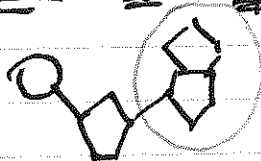
- DNA - Deoxyribonucleic acid
- stores genetic information
  - carries the codes for all genes
  - shaped like a twisted ladder called a double helix



\* Nitrogenous Bases = Adenine  
Guanine  
Cytosine  
Thymine

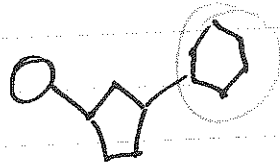
Purines

- contain 2 rings
- adenine & guanine  
(Pure As Gold)



## Pyrimidines

- contain 1 ring
- cytosine & thymine



## Base Pairing

A bonds with T  
C bonds with G  
(purine bonds w/  
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

