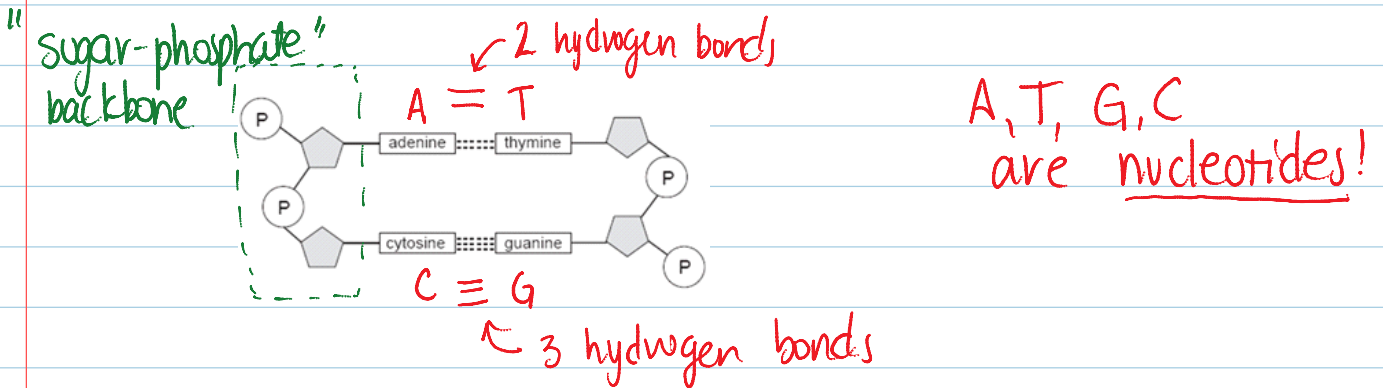


(Deoxyribose Nucleic Acid)

- is a double helix
 - ↳ each strand is composed of alternating molecules of sugar (deoxyribose) and phosphate.
- hydrogen bonds between the complementary bases
 - ↳ always a purine bonding with a pyrimidine
 - Purines have a double ring (A and G)
 - Pyrimidines have a single ring structure (T, C, U)



A	T	G	T	G	A	T	C	C	A	C	G	C	G	T	1 side of DNA strand
T	A	C	A	C	T	A	G	G	T	G	C	G	C	A	↳ complementary DNA

The structure of a Nucleotides

- A DNA nucleotide is composed of:

- a pentose sugar
- a **phosphate**
- a nitrogenous base (A, T, C, G)

