

Adenine (A) forms a weak bond with **Thymine** (T); they are both nitrogenous bases.

Guanine (G) forms a weak bond with **Cytosine** (C); they are both nitrogenous bases.

Deoxyribose, a sugar, bonds to any of the four **nucleotides** (A,C,T, or G).

Deoxyribose, a sugar, bonds to a **phosphate**.

A **phosphate** bonds two **deoxyribose** sugars together.

Phosphates and **ribose**s bond together to form an alternating, repeating chain.

DNA is a twisting, double helix shape (like a twisted ladder).