



DNA Facts

- ***DNA is an abbreviation for De-oxy-ribo- Nucleic Acid***
- **Nearly 2 meters of DNA is located in the nucleus of every cell in our body!**
- **The base pairs that make up DNA bind together to form the classic double helix.**

DNA Base Pairs

- ***There are 4 chemical bases in DNA:***
- ***Adenine (A)***
- ***Thymine (T)***
- ***Guanine (G)***
- ***Cytosine (C)***
- ***A always binds with T, and G with C***

More DNA Facts

- **We have over 3 billion base pairs in our DNA!**
- **DNA is a code for what our body survive needs to make to survive, such as proteins, enzymes, and hormones!**

And More DNA Facts

- **Our DNA is organized into chromosomes. We have 23 chromosomes from each parent, so 46 in total!**
- **Every persons DNA is 99.9% similar to that of another person! It is the 0.1% differences that give us a unique DNA fingerprint.**

Still More DNA Facts

- **According to most estimates, the % of the chimpanzee genome that is the same as the human genome: 98.5%**