

## Genes and DNA!

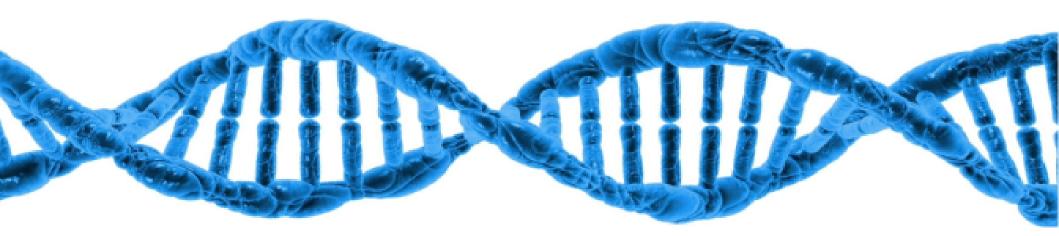


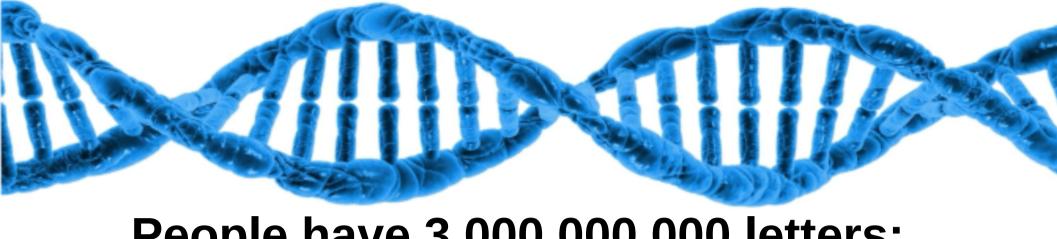


DNA stands for Deoxyribo Nucleic Acid.

The instructions of how to make people, animals, plants and bacteria.

Made up of 4 chemicals: A, C, T and G.





## People have 3,000,000,000 letters:

**ACTGCGATGCACTGCGATGCATGCAACGATGCATG** CAAACTGCGATGCGATGCAAACTGCGATGCATA CTGCGATACTGCGATGCACTGCGATGCATACTGCG ATGCATGCATGCGATGCAAGCATGCC TGCGATACTGCGATGCATGCAAGCATGCAACTGCGATGC ATGCAACTGCGATGCACTGCGATGACTGCGATGCA TGCAACATGCAATGCGATGCAACTGCGATGCAA.....





The order of DNA makes different **Genes**.

Different versions make Phenotypes.

Blue Eyes / Brown Eyes

Purple Flowers / White Flowers

Black Fur / Ginger Fur

Brown Hair / Blonde Hair / Black Hair

Pointy Beak / Round Beak

Male / Female

Tall / Short



