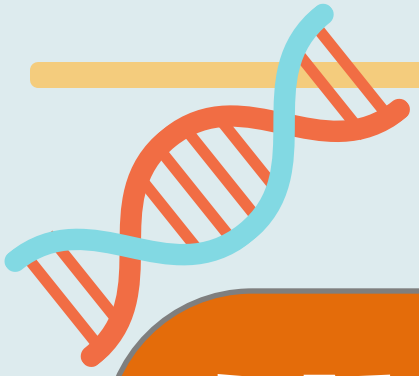


The Genetic Recipe



DNA Alphabet

Our DNA uses 4 chemicals, abbreviated A, T, C, and G, as its code to write out instructions for our body that are like recipes.

AT
CG



Gene = Recipe

One gene can be thought of as one recipe in a cookbook.

Chromosome = Cookbook

Genes are packaged into chromosomes. So, one chromosome can be thought of as a cookbook with a bunch of recipes.



Genome = Cookbook Collection

The genome is a full set of 47 cookbooks: 23 from each parent PLUS the extra mitochondrial DNA.

Final Product

Just like the recipe tells us how to bake a cake, our genetic recipe tells our body how to make the things we need to grow and function.

