THE DNA MOLECULE

Deoxyribonucleic acid (DNA) is a double-stranded helix found within the chromosomes, which are located inside the nuclei of every living cell. The molecule consists of just four nucleotide units, one containing adenine, one guanine, one cytosine, and one either thymine (in DNA) or uracil (in RNA). The sides of the helix consist of alternating deoxyribose sugars and phosphates.

Illustration on the right: Why is it helix shaped? Because the DNA contains an extremely code, it must somehow fit inside the chromosome!

