

Nucleic Acids

- ☑ **Most complex of all of the biological molecules**
- ☑ **Controls the cells activities**

Two Types and their primary functions:

☺ **DNA – deoxyribonucleic acid**

- **Master copy of an organisms information code**
- **Stores the genetic code**

☺ **RNA = ribonucleic acid**

- **Carries out the instructions of the genetic code (reads the instructions)**

Building blocks of Nucleic Acids



Nucleotide

Carbon, hydrogen, oxygen, nitrogen, and phosphorus

Arranged in three groups

Nitrogen Base

Simple sugar

Phosphate group

