Standard: Students will analyze the nature of the relationships between structures and functions in living cells.

Element: Identify the function of the four major macromolecules (i.e., carbohydrates, proteins, lipids, nucleic acids).

EQ: What is the structure and function of nucleic acids and proteins in cells?

Nucleic Acids: molecules made out of nucleotides (DNA, RNA)

A. Functions of nucleic acids

1. Hereditary information (genetic)

B.Structure of nucleic acids:

The building blocks of nucleic acids are <u>nucleotides</u>.











