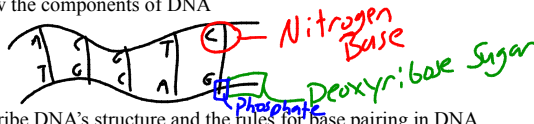


Chapter 11 – DNA and the Language of Life

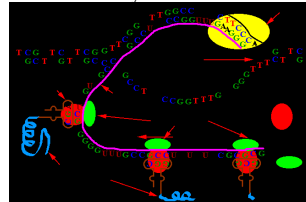
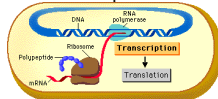
- Know the components of DNA



- Describe DNA's structure and the rules for base pairing in DNA

A - T, C - G

- Know transcription and translation and where they occur in the cell.



- Know the three type of RNA

mRNA
tRNA
rRNA

- Know the differences between RNA and DNA

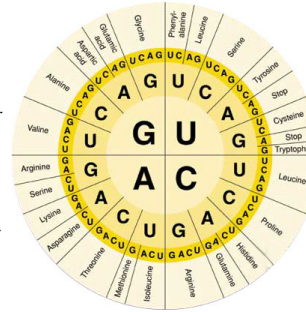
Ribose Deoxy
A-U A-T

- What is a codon and why is it important?

AUG
met

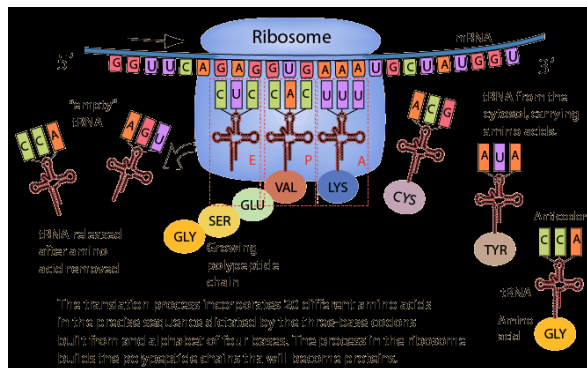
- Know how many amino acids there are.

20



- Know why there are 64 different codes.

- Be able to describe protein synthesis and know its importance.



DNA: T A C A A A T C G
 mRNA: A U G U U U A G C
 tRNA: U A C A A A U C G
 Codon Codon Codon