

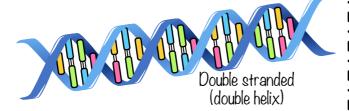
A1.2

DNA VS. RNA

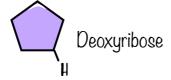
DNA DEOXYRIBO NUCLEIC ACID

PURPOSE Acts as permanent genetic code of a cell/organism

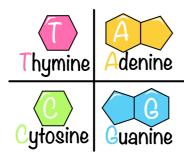
STRANDS & SHAPE



SUGAR (PENTOSE SUGAR)



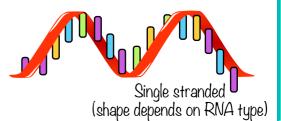
BASE

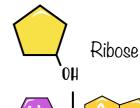


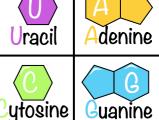
RNA

RIBO NUCLEIC ACID

Does not contain a permanent genetic code, can serve as mRNA, tRNA and rRNA.

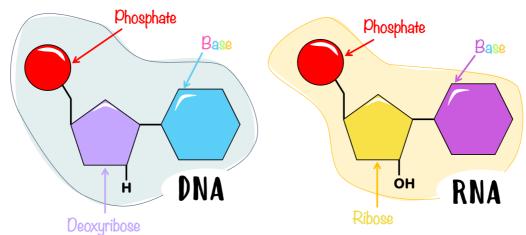






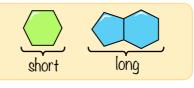
DNA VS. RNA NUCLEOTIDES

Uracil is only for RNA and Thymine is only for DNA



NOTE

You **DO NOT** need to memorize the relative lengths of the bases nor the number of hydrogen bonds between bases for your exam!







Inotess