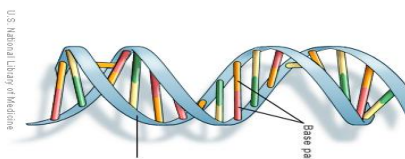


DNA – RNA - Protein Synthesis

Unit Expectations



Vocabulary	Be able to...
<p> Nucleic acid Deoxyribonucleic acid Replication Ribonucleic acid Messenger RNA Transfer RNA Ribosomal RNA Transcription Translation Codon Anticodon </p>	<ul style="list-style-type: none"> • Identify the building blocks of DNA • State the components of DNA • Describe DNA's structure • Describe the rules for base pairings in DNA. • Describe the process of replication. • State the function of DNA polymerase. • Trace the information flow from DNA to protein. • Compare and contrast DNA and RNA • Explain and use a codon chart • Describe Transcription, where does it take place? • Describe Translation, Where does it take place? • Summarize protein synthesis • Transcribe a sequence of DNA and then translate it • Describe and identify the types of mutations that can affect genes • Define a mutation • Explain what can cause a mutation

