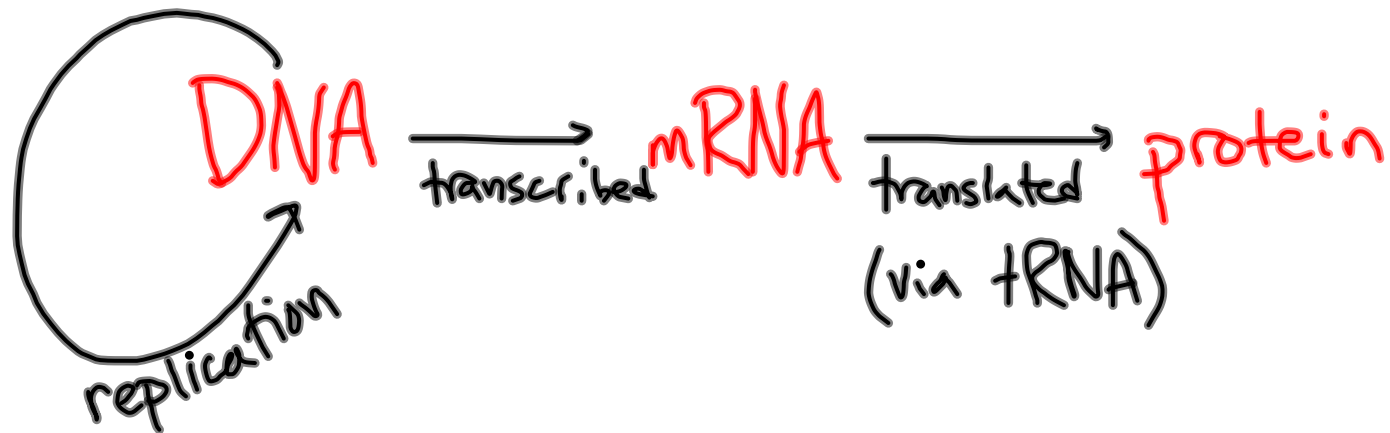


Unit Test - Friday 2/15/08!

"Central Dogma" of DNA:



Be able to:

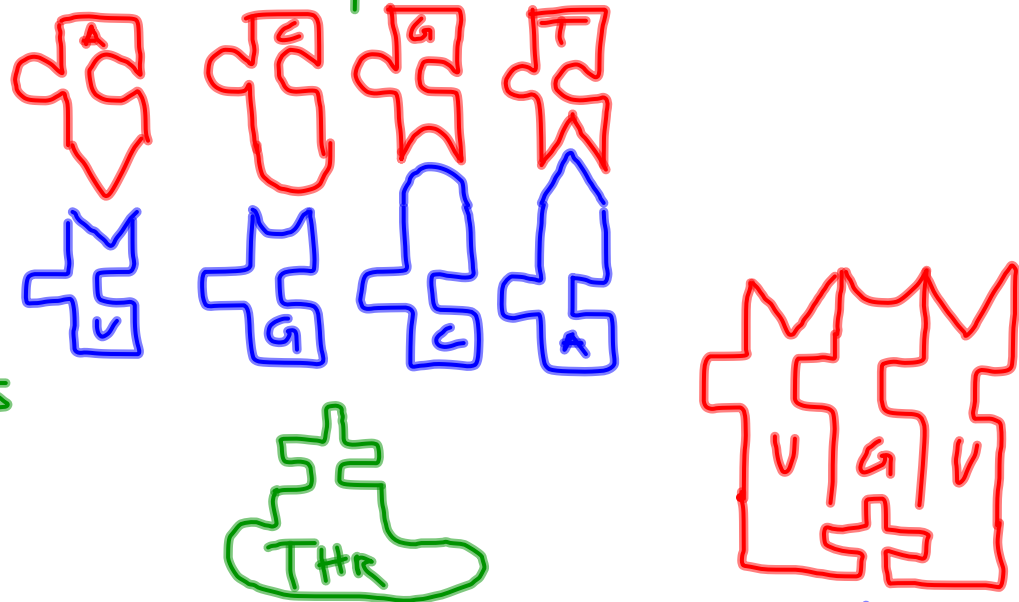
- Describe the complementary mRNA message for a strand of DNA (gene)
- Describe the complementary tRNA anticodon for an mRNA codon
- Determine the amino acid associated with an mRNA codon (using the mRNA codon table)
- Determine the amino acid or one letter abbr. associated with a tRNA anticodon (by using the tRNA anticodon table)
- Determine one associated tRNA anticodon OR mRNA codon for an amino acid or one letter abbreviation

MODELS:

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

• Make a physical model that shows how the following can interlock/interconnect:

- DNA bases
- mRNA bases
- tRNA anticodons
- amino acids



* you should be able to use your model to dynamically illustrate processes