Transcription- process by which genetic info is copied from DNA to mRNA.  Occurs in nucleus

1. RNA polymerase binds to DNA and separates strands
2. Same enzyme directs formation of H-bonds between DNA nucleotides & RNA nucleotides floating in nucleus
3. When enzyme hits a specific DNA base sequence, enzyme triggers release of new mRNA

Translation mRNA to polypeptide chain

            Steps:

1.     mRNA moves out of nucleus to ribosome

2.     mRNA codon attaches to tRNA anticodon

3.     process is repeated two aa bind together

4.     stop codon terminates process protein is released