* Draw label and explain DNA and all of its parts – this includes nucleotides.
* Explain the flow chart for the organization of genetic information from Chromosome to nucleotide.
* Who discovered how traits are passed?
* Using a flow chart make a protein the new way, include amino acids and all forms of RNA.
* Draw label and explain DNA replication and all of the steps (4 steps).
* Write a **7 codon** DNA sequence, translate and transcribe it into an amino acid code.
* Compare and contrast RNA and DNA.
* Compare and contrast replication and transcription.
* Explain what a mutation is and how it can occur.
* What are the three major categories of mutations?
* Explain all types of mutations.