**Mendel**

Who was Gregor Mendel?

What were his major discoveries?

What organisms did he work with? What traits on those organisms did he study?

Results of Mendel’s P and F1 cross.

True breeding, homozygous, heterozygous

Dominant and recessive

**Punnett Squares**

Setting up a monohybrid and dihybrid cross

Solving a monohybrid and dihybrid cross

Codominance in a punnett square

Incomplete dominance in a punnett square

Results of a codominance punnett square

Results of an incomplete dominance punnett square

**Pedigrees and Carriers**

Understand how to set up and work with a pedigree

Understand the labels to a pedigree

Be able to trace the carriers to a double recessive disorder

Be able to predict what future generations may be genetically prone to

Sex linked vs autosomal