Chapter 11: Intro to Genetics Objectives

Scott Birns

1. Explain what Genetics is

2. Define what dominant and recessive alleles are

3. Explain what segregation is

4. Define the terms genotype and phenotype

5. Illustrate a Punnett Square

6. Solve the probability for a certain event to occur

7. Explain what independent assortment is

8. Describe two inheritance patterns besides simple dominance

9. Distinguish the difference between incomplete dominance and codominance

10. Define what homozygous and heterozygous are

11. Be able to rewrite Mendel’s Principles