

Lesson 2.3 Asynchronous study: Mendelian Inheritance

Read Textbook 5.1, page 184 – 186 and do some research if necessary, to answer the following questions.

1. Why was the pea plant an excellent choice for Mendel's inquiry into heredity? Provide 3 reasons.
2. We call Mendel "father of Genetics". Use the PowerPoint as a guideline, create a flow chart or point form to show what did Mendel do in his pea plants experiment and what did he discover?
3. What were the phenotype and genotype ratios of Mendel's F1 crosses?
4. Differentiate between the following:
 - Dominant and recessive
 - Gene and allele
 - Homozygous and heterozygous