

Download Solve Mendelian Genetics Problems

Genetics is the study of heredity and variation in organisms. We begin with a study of the monohybrid cross, invented by Mendel. In a monohybrid cross, organisms differing in only one trait are crossed. To engage students in this lesson they complete a quick read of an article dealing with selective breeding. Selective breeding is a real life application of Mendelian Genetics and in this case breeders intentionally cross plants to create offspring with desired traits. BioCoach Activity Mendelian Inheritance Introduction. This BioCoach activity will help you review the basic concepts of Mendelian genetics. It consists of two main sections: Genetics includes the study of heredity, or how traits are passed from parents to offspring. The topics of genetics vary and are constantly changing as we learn more about the genome and how we are influenced by our genes.