

Download Genetic Study Guide For High School

Definition of Genetic Material. Ever wonder why your eyes are a certain color? Or, why you look like your mom or dad? Well, your genetic material known as deoxyribonucleic acid (DNA) is the reason. Genetic drift reduces genetic variability of a population by decreasing the size of the population. The change in population size and variability often leads to new species and unique populations. Genetics is a branch of biology concerned with the study of genes, genetic variation, and heredity in organisms.. Gregor Mendel, a scientist and Augustinian friar, discovered genetics in the late 19th-century. Mendel studied "trait inheritance", patterns in the way traits are handed down from parents to offspring. He observed that organisms (pea plants) inherit traits by way of discrete "units ... We address leadership emergence and the possibility that there is a partially innate predisposition to occupy a leadership role. Employing twin design methods on data from the National Longitudinal Study of Adolescent Health, we estimate the heritability of leadership role occupancy at 24%.