

Download Ch 13 Dna Technology Study Guide

In this lesson, we will learn about Taq polymerase and how it is used to amplify segments of DNA in the lab. We will discuss who discovered it, the method, and its function. The following lesson will discuss the effects that technology has both on a global and local scale. A short quiz will follow the lesson to check your understanding. DNA is a long polymer made from repeating units called nucleotides. The structure of DNA is dynamic along its length, being capable of coiling into tight loops and other shapes. In all species it is composed of two helical chains, bound to each other by hydrogen bonds. Both chains are coiled around the same axis, and have the same pitch of 34 angstroms (\AA) (3.4 nanometres).