

# Download Science Explorer Cells And Heredity Study Guide

Cell biology is the study of cells—the fundamental units of structure and function in living organisms. Cells were first observed in the 17th century, when the compound microscope was invented. Before that time, the individual organism was studied as a whole in a field known as organismic biology; that area of research remains an important component of the biological sciences.

acquired trait: A phenotypic characteristic, acquired during growth and development, that is not genetically based and therefore cannot be passed on to the next generation (for example, the large ...

Read an Excerpt. Hi! These are the notes from my science class. Oh, who am I? Well, some people said I was the smartest kid in class. I wrote everything you need to ace SCIENCE, from EXPERIMENTS to the ECOSYSTEMS and only the really important stuff in between—you know, the stuff that's usually on the test!

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