

Chapter 28: Ecosystems

Key Vocabulary	Assignment: Presentation on Human Population Dynamics
abiotic factor adaptation biology biomass biotic factor carnivore cellular respiration chlorophyll commensalisms community consumer decomposer development ecosystem energy evolution first-order consumer food chain food web growth herbivore homeostasis organism organization photosynthesis producer reproduction secondary consumer	<p>The human population has existed for a little more than 500,000 years. About 10,000 years ago, the total human population was about 3 million people, most of them hunters and gatherers. The development of early agriculture provided a stable supply of food and as a result the human population increased rapidly and reached one billion (1,000,000,000) in 1840. The development of technology and medicine in the 20th century reduced the death rate and increased the growth rate even further. Despite these advances, human population growth differs dramatically country by country. Your task is to design a presentation using Power Point to compare the population dynamics in an underdeveloped country and a developed country using the parameters outlined below.</p> <p>Interpreting Population Data Using the first letter of your last name select one underdeveloped country from those listed courtesy of the U.S. Census Bureau at: http://www.census.gov/ipc/www/idb/ Now select any developed nation from the same list (Examples: US, Japan)</p> <ol style="list-style-type: none"> 1. Compare and contrast the shapes of the population graphs in 2005 for the developed and underdeveloped countries that you selected. 2. Compare the changes in populations of both countries from 2005 to those projected to 2025. <p>Factors Affecting Population Changes</p> <ol style="list-style-type: none"> 1. Research and describe three factors that affect changes in the human population of one of the countries you studied. 2. Research and explain how one technological advance might affect the change in the human population from 2005 to 2025 in one of the countries you studied. Is the advancement of technology a positive or negative influence on population dynamics? What is your evidence? <p>Be sure to make your last slide a works cited for all of the sources that you used in your research.</p> <p>You must email me your completed project by 7:35 pm on Thursday May 29tt</p>