**5-3 Human Population Growth**

Historical Overview

* Human population has over time
  + Life at first grew
  + Scare food, were
  + Families had so that some would

Exponential growth

* As civilization became more , survival became
* On page 142, describe what the Industrial Revolution did to make this easier

Growth Slows

* Many factors contribute to slowing down population
  + Competition – Resources – Parasitism –
* Human population peaked around and took only years to from from
* Now, at 7 billion people, its very hard for populations to grow, explain why you think this is?

Patterns of Human Growth

* Scientific study of Human population growth is known as
* Human growth as with any species growth has many situations
* What would be the effect of the population of a small town if there is a growing city next to it?

Demographic Transition

* For much of history, birthrates and death rates have been
* Now population growth has
* The theory is the – the birth and death rate changed to a birth and death rate
* 3 Stages
  + 1)
  + 2)
  + 3)
* Countries like Asia and Africa are passing through
* India and China are having a still
* Our human growth curve is still the but may change to the

Age Structure and Pop. Growth

* + Describe the Age structure and what that means for the two areas
  + America
  + Guatemala

Future Population Growth

* To the worlds human growth, demographers consider not only age but rates
* Current projections state that the
* This will occur if the countries complete the