**ICES Worksheet**

**Human Population and Development**

Using your ICES disk – go to Chapter 11 (Human Population and Development)

* READ each section summary
* Use the interactive figures at the top of the page

1. Define: crude birth rate, crude death rate, total fertility rate, replacement level fertility, life expectancy, infant mortality rate, age structure, demographic transition model, family planning, urban areas, rural areas, degree of urbanization, urban sprawl, noise pollution, and land use planning
2. Compare case studies of population growth in India and China
3. Describe why people migrate from rural to urban areas
4. Summarize the resources and environmental problems of urbanization
5. What are the advantages of an eco-city?
6. State an example of an eco-city.

Animations:

1. Which 2 regions show the greatest changes in population size from 2003 to 2005?
2. Which two age structure diagrams look more alike?
   1. How would you describe the populations of those countries based on the diagram?
   2. Which country’s population age structure is most evenly distributed?
3. What does this diagram indicate about the average life span of males and femalaes in the US in 2035?
4. Describe the stages of demographic transition:
   1. Stage 1 – Preindustrial
   2. Stage 2 – Transitional
   3. Stage 3 - Industrial
   4. Stage 4 – Post Industrial