Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Human Population and Carrying Capacity Web Quest**

This activity is designed for you to see how the population of the Earth continues to change over the course of time. At some point in time the carrying capacity of the Earth may be reached. Use the links below to discover more about the human carrying capacity as well as to answer the corresponding questions. **ANSWER ALL QUESTIONS ON PAGE 68 OF YOUR ISN.**

**Click here:** <http://www.census.gov/ipc/www/popclockworld.html>

1. What is the current world population?

**Click here**: [www.census.gov/cgi-bin/popclock](http://www.census.gov/cgi-bin/popclock)

1. What is the exact time right now?
2. What is the U.S. population right now?

**Click here:** <http://quickfacts.census.gov/qfd/states/16000.html>

1. Where is Idaho ranked among state populations?
2. What percent of people in the U.S. live in Idaho?

**Click here:** [www.infoplease.com](http://www.infoplease.com)

1. Where does the U.S. rank among the nations of the world in terms of population?
2. Where does the U.S. rank for life expectancy at birth?
3. What is the life expectancy at birth in the U.S.?
4. Which country has the highest life expectancy at birth and which has the lowest?

**Click here:** “Animated Map” and watch <http://desip.igc.org/mapanim.html>

1. Where in the world did the human population appear to start?
2. What was the world population in 1985?
3. What is the expected world population in 2020?

Most countries are trying to reduce their growth rate. Zero population growth means that as many people are being born as there are dying. To achieve zero population growth, each couple would need to have no more than two children (to replace the parents). Even if this number is achieved, the population will continue to grow because the parents will still live on for decades, as their children have children, and their children have children.

The rate of growth in developed nations has become more constant in recent years, while many developing nations are still growing exponentially.

**Click here:**  for a list of developed countries: <http://www.un.org/en/development/desa/policy/>

1. Select one country from the list and find the following data:
2. Country:
3. Population:
4. Surface Area:
5. Population Density:

Click on the U.S.A., and record the following data:

1. Population:
2. Surface Area:
3. Population Density:

**Click here:** for link to see the effects of Human Population: <http://rewilding.org/rewildit/our-programs/population-growth/>

1. Name the 5 stresses the human population is currently putting on the Earth.
2. What effects could these stresses have on the Earth and how can these affect your life?

**Click here**: [www.census.gov/cgi-bin/popclock](http://www.census.gov/cgi-bin/popclock)

1. What is the exact time right now?
2. How much as the world population grown from question number 1.