

Student Link

Internet Treasure Hunt for Grade 8 (Geography: *Population Patterns*)

PAGE

A

Student Name: _____

Begin: Click on the Grade Eight door in StudentLink → go to Geography → click on the button called "Population". Click on XTRAS// Offline Activity, shown on the left. At this site you will arrive at a population statistics chart showing the TOP TEN COUNTRY POPULATIONS. Copy that information in the chart below:

Country	Population (millions)

Population

1. Using a blank world map (you can print one by scrolling down and clicking on world map from the Xpeditions Atlas.) AND an atlas, locate each of these countries. Identify each country by name, a colour and its population ranking. (i.e. #1. China) **BE SURE TO TITLE YOUR MAP.**

Click the X top right to leave this box.

Next: a) Scroll down the page and click on Population Reference Bureau. A new screen will show. Click on the middle button top right to expand the page to full screen.

b) Under the title, click on the PRB Library and scroll down to Glossary. Click on the letter "P".

2. Explain the difference between **Population Density** and **Population Distribution**.

Density: _____

Distribution: _____

Next: a) Click on  the button to get to top of page again.

b) Now click on Educators → Resources → Human Population → Population Growth (left column)

3. What was the world's total population in the year 2000? _____ Projection for 2050? _____

When did world population begin "exploding"? _____

What two factors caused accelerated population growth? _____ & _____

4. Looking at the World Population Distribution by Region, 1800-2050 map and note, which continent:

a) has, since the 1800's, supported the majority of the world's population _____

b) is showing a notable decline in its percentage of the world's population _____

c) appears to be increasing it's percentage of the world's population at present _____

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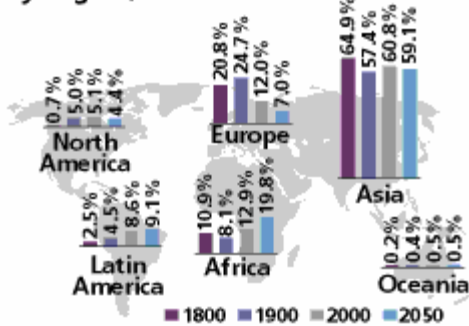
Next: Scroll down this same page and click on [less developed countries](#) and [more developed countries](#)

- 5a) What countries and regions of the world are considered to be less developed?

- b) What countries and regions of the world are considered to be more developed?

6. Looking back at your TOP TEN COUNTRY POPULATIONS Map and your answers to #4, in which of these two regions is most of the world's population growth taking place? _____

World Population Distribution by Region, 1800-2050



Thinking & Inquiry: What factors of everyday life will be affected if less developed countries continue to grow rapidly in population? Create a list.

- (i.e. too many people → too few doctors)
- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

Next: Scroll up to see the Educators menu listed on the top left side:

- Click on Making Population Real
 - When the new page pops up, click on Population Fundamentals
 - Now click on Activity 3: Constructing and Interpreting Age-Sex Graphs
- 7a) An Age-Sex Graph is also known as a _____. These graphs are made up of a series of _____ that represent the number or proportion of _____ & _____ in each _____.
- b) Looking at the West Africa and Western Europe Population Pyramids, make some comparisons by completing the following chart. (# of children being born, # of people living past 50 years of age, # of people between ages 25–65, etc.) **Discussion Question:** Which do you think shows a healthier population and why?

AFRICA	EUROPE

8. Construct your own Population Pyramid for Country A by printing Handout #1 and #2.
- *These numbers will have to be converted to % by following this process:
- $479894 \text{ (Male Age 0-4)} \div 6420792 \text{ (Total Population)} \times \% = 7.4\%$
- Continue this process for all age groups (male & female), to plot your horizontal bars on blank pyramid worksheet.