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| **Canadian Geography** | **Cgc1Pi** |

**Unit 2: Human Systems: Essential Learning**

Task: Compare and contrast the demographics of Canada with two other countries (one developed and one developing).

**Requirements:**

**Part 1**

1. **Population Pyramid Creation**

Using the United States Census Bureau International Data Base, **construct a data table** for the population of your countries. Make sure to put your data in a chart with categories for Age Cohort, Percentage Male, and Percentage Female. Blank population pyramids can be printed from www.phsgeography.weebly.com

<http://www.census.gov/population/international/data/idb/informationGateway.php>

Once you have your data, construct a population pyramid. Make sure your pyramids are fully labeled. Compare and contrast your population pyramids. Your analysis should include

* pyramid type
* birth rate
* death rate
* health care status
* life expectancy
* family size

1. **Demographic data collection**

For the following requirements, you are required toshow the specific formula, all variables and all calculations for each country. Don’t forget to include your units!

Population density (Density = Population/Area)

Natural Rate of Increase (NRI = CBR – CDR)

Net Migration Rate

1. **Now collect data and put it into your graphic organizer:**
2. Life Expectancy
3. Infant Mortality Rates
4. Literacy Rates
5. Ethnicity
6. Languages spoken
7. Religious groups

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| **Criteria** | **Formula**  **(if applicable)** | **Country #1**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Country #2**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Population** |  |  |  |
| **Area** |  |  |  |
| **Population Density** |  |  |  |
| **Infant Mortality Rate**  **(IMR)** |  |  |  |
| **Crude Birth Rate**  **(CBR)** |  |  |  |
| **Crude Death Rate**  **(CDR)** |  |  |  |
| **Natural Rate of Increase**  **(NRI)** |  |  |  |
| **Net Migration** |  |  |  |
| **Life Expectancy** |  |  |  |
| **Literacy Rates** |  |  |  |
| **Ethnicity** |  |  |  |
| **Languages** |  |  |  |
| **Religious Groups** |  |  |  |

**Graphic Organizer**

**PART 2 - BOOKLET**

Hand in a booklet that includes the following:

1. A Title Page (Your name, my name, date due, CGC 1PI – 03)
2. Raw population pyramid data (i.e. the table with your population data)
3. Completed population pyramids for both countries researched
4. Graphic organizer – completed
5. Specific calculations organized and completed **neatly** on a separate piece of paper

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|  | **Developed Countries** | **Developing Countries** |
| Alex | 1. South Africa | Chad |
| Megan | 1. United Kingdom | Bangladesh |
| Rachel | 1. France | Mexico |
| Riley | 1. Germany | Papua New Guinea |
| Aimee | 1. Australia | Iran |
| Josie | 1. New Zealand | Turkey |
| Brad | 1. Japan | Iraq |
| Cody | 1. Finland | Afghanistan |
| Josh G | 1. Italy | Algeria |
| Tyson | 1. Poland | Thailand |
| Jamile | 1. Netherlands | Malaysia |
| Sofia | 1. Spain | Democratic Republic of Congo (Kinsasha) |
| Sebastian | 1. Belgium | Somalia |
| Josh H | 1. Switzerland | Haiti |
| Taylor B | 1. Iceland | Pakistan |
| Jayden | 1. USA | Bhutan |
| Karter | 1. Ukraine | Sri Lanka |
| Melissa | 1. Brazil | Turkmenistan |
| Chase | 1. Argentina | Benin |
| Jetmir | 1. Greece | Mongolia |
| Alanna | 1. Portugal | Zimbabwe |
| Isabel | 1. Denmark | Niger |
| Jordan | 1. Sweden | Papua New Guinea |
| Jacob | 1. Norway | Somalia |
| Will | 1. South Korea | Liberia |