***Part 1: Vocabulary Graphic Organizer for Human Population Growth***

**SEV5. Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.**

1. Construct explanations about the relationship between the quality of life and human impact on the environment in terms of population growth, education, and gross national product.
2. Analyze and interpret data on global patterns of population growth (fertility and mortality rates) and demographic transitions in developing and developed countries.
3. Construct an argument from evidence regarding the ecological effects of human innovations (Agricultural, Industrial, Medical, and Technological Revolutions) on global ecosystem.
4. Design and defend a sustainability plan to reduce your individual contribution to environmental impacts, taking into account how market forces and societal demands (including political, legal, social, and economic) influence personal choices.

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| Definition | Use the word in a sentence OR provide a picture |
| Population Density - |  |
| Population Dispersion - |  |
| Growth rate - |  |
| Reproductive potential - |  |
| Exponential growth - |  |
| Carrying capacity - |  |
| Demography - |  |
| Age structure - |  |
| Survivorship - |  |
| Fertility rate - |  |
| Mortality rate - |  |
| Developed Countries - |  |
| Developing Countries- |  |
| Green Revolution – |  |
| Gross National product– |  |

[Part 2: Individual Research](https://classroom.google.com/c/NTYwMjA0Mzk3Mlpa/a/OTkwMzY1MjA0OFpa/submissions/by-status/and-sort-name/list)

1. Define population growth.
2. What is the human population growth rate? How is this different from population size?
3. What is a limiting factor? Give 3 examples.
4. Distinguish between food supply, food growth, and food efficiency.
5. Define famine and malnutrition.
6. How are famine and malnutrition related to population size?