**The Quality of Life**

**Standard(s): SEV5 a,c & Objectives:**

*I will know how to:*

* *Describe the characteristics of the four revolutions and explain the ecological effects of each*
* *Explain how the quality of life has changed over time and how it has impacted the environment*
* *Determine how population growth, education and gross national product is influenced by innovations and improvements in the quality of life*

**Phenomenon:** The environment impacts and is influenced by people’s physical, financial and social well-being.

**Group Performance- Obtain the evidence/proof:**

Develop and ask questions about the quality of life and the human impact on the environment.

1. Develop a **model** that explains the correlation between population growth, education, and gross national product.
2. What major events took place during the Agricultural, Industrial, Medical and Technological revolutions? Provide a timeline of events.
3. How does improvements in the quality of life affect the environment?
4. How has the quality of human life improved over time?

**Individual Performance:**

1. Construct an explanation about how changes in human innovations have influenced people’s physical, financial and social well-being. Also, discuss how this impacts the environment.

**Science Reflection**

Using evidence, construct an explanation of how the quality of life impacts population growth, education and gross national product. Be sure to include information about the four revolutions (Agricultural, Industrial, Medical and Technological).

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| **Vocabulary** |
| Population growthHuman impactQuality of lifeEducationGross national productDeveloping countryDeveloped countryAgricultural revolutionMedical revolutionTechnological revolutionIndustrial revolutionHuman innovationsGlobal ecosystemsGreen revolution |

**Objectives**:

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**Standard(s): SEV5 a & c**

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