Name: Gapminder: Measuring Standard of Living \_\_\_\_\_\_50

**Target: I can evaluate statistics used to calculate standard of living in various countries and understand why these are helpful in determining standard of living**

**Question 1:**  Identify the three things that you feel are most important to your individual standard of living. Explain why you feel these are important.

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**Directions:** Go to gapminder.org. Click on the Lab entitled *Gapminder World. Using the information found on the chart, answer the following questions.*

1. What statistic is represented on the Y-axis? What statistic is represented on the x-axis?

X-

y-

1. Which country has the lowest life expectancy? What is the life expectancy here?
2. Which country has the lowest GDP per capita? What is the GDP here?
3. Which country has the highest life expectancy? What is the life expectancy?
4. Which country has the highest GDP per capita? What is the GDP?
5. Which region tends to have the lowest GDP and Life expectancy?
6. Which region tends to have the highest GDP and life expectancy?
7. What might explain the trend described in questions 6 and 7?

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**Directions:** Now, on your y axis, change the statistics to Economy >Poverty and Inequality>Inequality Index. This statistic shows how unequally wealth is distributed within a country. A score of 100 is the highest score and denote extreme income inequality.

1. Which three countries have the highest level of income inequality?
2. Which three countries have the lowest level of inequality?
3. How do you think the GINI affects centripetal and centrifugal forces within a country? Will this affect standard of living?

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**Directions:** Now, on your y axis, change the statistics to Education >Ratio of girls to boys in primary and secondary education. This statistic shows how many girls are enrolled in school per 100 boys. A number of 100 means that there is equal enrollment within a country.

1. Which country has the highest ratio of girls to boys in school? What is the ratio?
2. Which country has the lowest ratio of girls to boys in school? What is the ratio?
3. Evaluate the data, which regions do you think have a high rate of gender equality?
4. Which regions do you think have a low rate of gender equality?
5. How will gender inequality in education affect the development of a country? Can this have an effect on standard of living? Explain your answer.

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**Directions:** Now change the y axis to Infrastructure>Traffic>Roads Paved. This statistic depicts the percentage of roads within the country that are paved.

1. Which 2 regions have the highest percentage of paved roads?
2. Which country has the lowest percent of paved roads? What is the percent?
3. How can a lack of paved roads decrease the standard of living in a given country? Explain your answer.

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**Directions:** Now change the y axis to Infrastructure>Communication>Internet Users per 100. This shows how many people, per 100, access the internet.

1. Which 2 regions have the lowest levels of access per 100 people? List a few examples of these Low-access Countries and their number of internet users.
	1.
	2.
	3.
2. How would the America be affected if internet service was cut overnight? Consider social, political, and economic factors.

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**Time to think!**

**Task 1:** Answer the following:

1. What factors are used to calculate the HDI of a given country?
2. Change the Y-Axis to Society>Human Development Index. In the following chart, rank each of the regions on a scale of 1-6 (with one having the highest HDI).

|  |  |
| --- | --- |
| **Region** | **Rank**  |
| Americas |  |
| Sub-Saharan Africa |  |
| North Africa/Middle East |  |
| Eurasia |  |
| South Asia |  |
| Southeast Asia |  |

1. Propose a plan to increase the standard of living in the regions with the lowest HDI. Specifically explain how you will increase standard of living in this particular region.

**Early Finisher:** *Create your very own measurement for Standard of Living . Explore the GapMinder site in order to determine which five statistics you think would be most important in determining Standard of living? Rank the 1 to 5, with 1 being the most important.*

1.
2.
3.
4.
5.