AP Human Geography

Issues with Development

**I. Mineral Extraction**

**Click on** [**http://www.mapsofworld.com/world-mineral-map.htm**](http://www.mapsofworld.com/world-mineral-map.htm)

|  |  |  |  |
| --- | --- | --- | --- |
| Resource | Where Found? | How Extracted? (Google it!) | What is it used for? (Google it!) |
| Uranium |  |  |  |
| Silver |  |  |  |
| Oil |  |  |  |
| Lead & Zinc |  |  |  |
| Iron |  |  |  |
| Diamond |  |  |  |
| Bauxite |  |  |  |
| Coal |  |  |  |
| Copper |  |  |  |
| Gold |  |  |  |

**Click on** [**https://www.indexmundi.com/map/?v=88**](https://www.indexmundi.com/map/?v=88)

Who are the top five oil-producing countries? How much do they produce?

|  |  |
| --- | --- |
| Country | Production |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |

**Scroll down to Oil Consumption**. Why does the US consume almost three times the amount of oil of other countries, specifically China?

**II. Feeding the world**

**Go to** [**http://storymaps.esri.com/stories/feedingtheworld/**](http://storymaps.esri.com/stories/feedingtheworld/)

Where are crops being commercially produced? Name the area and zoom in to name the specific countries.

1.

2.

3.

4.

5.

6.

7.

8.

9.

**Click the arrow to number 2.**

Where could crop production be more productive?

How could it be more productive?

**Click the arrow to number 3.**

What percentage of freshwater withdrawals are being used for irrigation?

Move the gray vertical line across the world. In what areas is irrigation use very high?

In what areas is irrigation use very low?

**Click the arrow to number 4.**

What percentage of crops are used for food production?

What percentage of crops are used for feeding animals?

What percentage of crops are used for fuels?

Which areas use most (more than half) of their crops for food?

Which area uses most of their crops for feed?

Which area uses most of their crop for fuel? What crop and what kind of fuel?

**Go to** [**https://ourworldindata.org/food-per-person**](https://ourworldindata.org/food-per-person)

On the world’s six inhabited continents, which country has the highest and lowest caloric consumption?

|  |  |  |
| --- | --- | --- |
| Continent | Highest Caloric Consumption (Country/Calories) | Lowest Caloric Consumption (Country/Calories) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

What factors contribute to such huge discrepancies between countries so close together?

**III. Pollution (in addition to youtube video on website)**

**Click on** [**http://aqicn.org/map/world/**](http://aqicn.org/map/world/)

From where does most of the world’s pollution derived?

Name a city on each continent that seems to be the most polluted. (Click on different continents at the top)

**Click on** [**https://www.carbonmap.org/#Emissions**](https://www.carbonmap.org/#Emissions)

Which countries have the highest carbon emissions?

Which countries have the highest carbon consumption?

**IV. Energy**

**Click on** [**https://www.indexmundi.com/map/?v=81**](https://www.indexmundi.com/map/?v=81) **and** [**https://www.gocompare.com/gas-and-electricity/what-powers-the-world/**](https://www.gocompare.com/gas-and-electricity/what-powers-the-world/)

Which area on the map uses the most energy?

Which resource is being used as the greatest source for energy?

Which area(s) rely most heavily upon it?

Which areas use nuclear energy?

Which area uses the most renewable energy resources?

**Because it’s cool:** [**https://www.studentenergy.org/map**](https://www.studentenergy.org/map)