

Future of Food

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BBC Future of Food - Part 1 India- https://www.youtube.com/watch?v=XiPuCSGo_wo

Watch the first 21:41 of the documentary BBC Future of Food - Part 1 India. Take notes during the video. Think about the following...

1. What is the global food security crisis?
2. Globally, how is food affected by water and crude oil? (Check out: <http://water.org/water-crisis/water-sanitation-facts/> for up-to-date facts on the numbers of people without access to clean water)
3. Give a brief summary of what is happening in Punjab, India.
4. Why does it take 2 pints of oil to produce a roast beef meal?
5. Why are there minimal varieties of food in a Cuban diet?

Investigate the National Geographic source listed below: *What the World Eats*.
<http://media.education.nationalgeographic.com/assets/richmedia/0/226/project/index.html>

Questions – Daily Diet

1. Which three countries have the lowest calorie intake?
2. What are three differences in consumption patterns (types of foods consumed) between more developed countries (such as United Kingdom, United States and Brazil) and less developed countries (such as Vietnam, Somalia and Libya) (use Daily Diet, calories per person to compare each group, i.e. meat, sugar and fat, etc)?

Questions – Meat Consumption

3. Which three countries show the highest increase in meat consumption (use grams per person)?
4. Which meats have increased by the highest percentages?

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Create a scenario:

There are two different nations in existence during the year 2050. One nation-state has allowed the technological advancements of GMOs with the backing of governmental tax dollars. The second nation-state's government has not allowed research or the usage of GMOs for multiple decades prior to this point. What are the negative and positive implications that may arise? (Be sure to include items such as: demand of population change, water fluctuations, climate change, impact on health, and food security.)