

? Problem 7.1.1 Solving World Hunger**Purpose**

The population of the world continues to increase, but the amount of land on which food is produced is finite. In fact, many acres of prime agricultural land are converted into residential and industrial use every year. Additionally, there are areas with good soils, but no water with which to grow crops.

In addition to current population challenges, many view current agricultural practices as unsustainable. Some groups believe the practices used to produce plants and animals decrease the diversity and health of plants and animals. How can agriculturalists produce enough food for a growing world population?

Materials**Per pair of students:**

- Computer with internet access and word processing software

Per student:

- Pencil
- *Agriscience Notebook*

Procedure

The *World Hunger and Nutrition Committee* is conducting a hearing. The committee views starvation, malnourishment, and obesity as poor nutrition. They have asked you and your partner to present your opinions on the main cause of hunger and poor nutrition in the world. Use your knowledge of natural resources, plants, and animals to justify your stance. Additional research will likely be necessary.

Prepare a two-page brief discussing the number one cause of hunger and poor nutrition in your opinion. Your brief should give background information on the cause and offer what you believe to be the best solution or solutions available to overcome world hunger and poor nutrition.

Proper Brief Formatting

- Statement of the issue – Introductory paragraph providing an overview of the issue.
- Statement of the facts – Paragraph or paragraphs outlining the facts pertaining to the issue.
- Argument for your position – Main portion and should be persuasive with supporting details and research for the facts presented. Arguments should be well-organized and convincing.
- Conclusion – Summary of the facts and your argument for the issue at hand.

You have five minutes to present your brief to the committee. Submit the brief one day before the hearing. Be prepared for questions in response to your brief. You will be assessed on communication and presentation.

Conclusion

1. What are three factors that make solving hunger problems worldwide a challenge?
Poverty, distribution, availability, people that care
2. How do the production practices of plants influence the availability of food?
Not everything can be grown everywhere.
3. How do the production practices of animals influence the availability of food?
Transportation and governmental relations, Domestication
4. Is a plant-based diet more or less sustainable than an animal-based diet for all people? Explain your reasoning. I think they could work together. Both need new foods!