

Global Issues Trivia

OVERVIEW

Use this trivia game as an introduction to the study of critical global issues. Students collaborate in teams to answer questions about world population, economics, and environmental issues.

INQUIRY/CRITICAL THINKING QUESTIONS

- How are the issues of population growth, resource consumption, poverty, conflict, and the environment connected?

OBJECTIVES

Students will:

- Collaborate and answer questions about critical global issues

TIME REQUIRED: 30 minutes

KEY ISSUES/CONCEPTS

- **Global Issues**
- **Interconnections**

SUBJECT AREAS

- **Social Studies** (World History, World Cultures, Geography, Civics/Government, Economics, Contemporary World Problems, Global Studies)
- **Science** (Life, Earth, Environmental)
- **Math**
- **Business/Finance**

NATIONAL STANDARDS CONSISTENCY

- **NCSS: 2, 3, 7, 9**
- **NSES: C, F**

GRADE LEVEL: 5–12

Materials/Preparation

Teacher Master: *Global Issues Trivia Questions*

Activity

1. Divide the class into 2 teams and have them arrange their seats so team members can discuss the trivia questions.
2. Give the following directions:
 - Each team will choose a spokesperson
 - Team 1 will be asked a question and then have 10 seconds to discuss the question among their team members and give their answer.
 - For each correct answer, they get 1 point
 - If the team that is asked the question gets it wrong, the other team gets to answer the question
 - Rotate questions between the 2 teams

3. Choose some or all of the trivia questions from the handout *Global Issues Trivia Questions* and begin the game (some questions are multiple-choice).
4. (Optional) You may want to have a prize for the winning team!

Assessment Reflection Questions

For Intermediate and Advanced Students

- What do you think are the most surprising and/or shocking facts?
- Discuss how the issues raised in the game are connected to each other.
- What issue(s) interest you the most and what would you like to learn more about?

Global Issues Trivia Questions

1. What is the current (2005) human population of the world?
a. 3.5 billion; b. **6.5 billion**;
c. 10.5 billion; d. 18.5 billion
2. What was the world's human population in 1960?
a. 0.5 billion; b. 1 billion;
c. **3 billion**; d. 5 billion
3. At current rates of growth, what will world population be in 2050?
About 9 billion
4. What are the first, second, third, and fourth most-populous countries in the world?
From first to fourth most populous: China, India, United States, Indonesia
5. By about how many people per year is world population growing?
a. 25 million; b. 55 million;
c. **80 million**; d. 95 million
6. What percentage of the world's people today live in cities?
a. 10%; b. 25%; c. **50%**; d. 80%
7. What city in the world has the largest population?
Tokyo with 33.2 million
8. Because of urban sprawl in the United States, an area the size of which state is paved over each year?
a. Texas; b. **Delaware**;
c. Rhode Island; d. Kansas
9. In 1950, average life expectancy worldwide was:
a. 36; b. **49**; c. 56; d. 66
10. In 2000, average life expectancy worldwide was:
a. 46; b. 56; c. **65**; d. 76
11. What is the measurement tool called that is used to describe the area of the Earth's surface necessary to support a given human lifestyle?
Ecological Footprint
12. What country has the largest Ecological Footprint per person?
a. **United States**; b. Italy;
c. Japan; d. Afghanistan
13. What environmental concern is associated with habitat loss? **Biodiversity—extinction of species**
14. What are some humane methods proven to reduce population growth? **Provide access to reproductive health care; educate and empower women; reduce poverty**
15. Roughly what percentage of the world's people live on \$2 a day or less?
a. 15%; b. 30%; c. **40%**; d. 65%
16. Roughly what percentage of the world's people live on \$1 a day or less?
a. 10%; b. **20%**; c. 45%; d. 60%
17. What is the most widely spoken language on Earth? **Mandarin Chinese**
18. Roughly how many people in the world today are chronically hungry?
800 million
19. Roughly what percentage of the world's people lack access to a safe water supply? a. 10%; b. 15%; c. **20%**; d. 50%
20. Approximately what percentage of global energy do hydrocarbon fuels generate? a. 20%; b. 40%; c. 60%; d. **80%**
21. What activity accounts for the highest water use worldwide - agriculture, industry, or domestic? **Agriculture accounts for about 65-70% of water use; industry for about 20-25%; and domestic for about 13%**
22. Worldwide, how many cars and trucks are in use each day?
a. 10 million; b. 100 million;
c. 200 million; d. **600 million**
23. What is a renewable resource?
A resource such as trees, wind, or fish that can be replaced as it is consumed
24. What element do many scientists believe can provide an unlimited source of clean energy?
Hydrogen