

Population Notes

Lesson Objectives

1. Students will be able to:

2. Students will be able to:

Counting People: Population

Population:

➤ Geographers study _____ to understand _____ and _____.

Demography

➤ The study of population is called _____.

➤ Scientists who study demographics are called _____.

How fast is the World Growing?

➤ The world's population increases _____ . That's nearly _____ people a minute, _____ people an hour, and _____ people a day.

Population Data

Average Family Size:

Birth Rate:

Death Rate:

Doubling Time:

Life Expectancy:

Population Growth Rate:

Population Pyramid:

Population Density:

To find population density, divide the number of people in a place by the total area of that place.

Population Pyramid: Afghanistan

- How many females in your age group?
- How many males?

Population Pyramid: Denmark

- How many females in your age group?
- How many males?

Hong Kong –one of the most densely populated places in the world.

Population Density

Largest Countries:

By Area: sq. miles	By Population
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

Doubling

➤Imagine that all the years from A.D. 1 to the year A.D. 2000 took place in just 24 hours. Now you have an imaginary clock to measure how fast the world's population is growing. The list below shows that the Earth's population doubled several times in those 24 hours.

12:00 a.m.	200 million people in the world
7:48 p.m.	Population doubles to 400 million
10:12 p.m.	Population doubles to 800 million
11:00 p.m.	Population double to 1.6 billion
11:35 p.m.	Population doubles to 3.2 billion
11:59 p.m.	Population will double to 6.4 billion

During the 24 hours, how many times has the world's population doubled. How long did it take for the world population to double the first time? The last time?

B.C. to 2000 World Population: Using the graph answer the following question

What was the world's population in 1800?

- A. 1.5 Billion
- B. 1 Billion
- C. 3 Billion
- D. .5 Million

Reasons for Population Growth:

➤ Farming methods:

• Green Revolution:

Reasons for Population Growth:

➤ Scientific Advancements in Medicine and Health.

- 1.
- 2.
- 3.
- 4.

The Challenges of Population Growth

➤ Using resources _____

➤ Shortage of _____

➤ Shortage of _____

➤ Scarcity of _____

➤ Not enough _____ to purchase food

• People of India spend _____ of money on food.

• United States less than _____

The Challenges of Population Growth

➤ People can't _____. Perpetual Education Fund – LDS church

➤ Not enough _____ the growing number of children

➤ Public services like _____ and _____ are inadequate.

➤ _____ – India and Pakistan

• Lack of trees affect the supply of clean air.

How much grain do...

➤ Americans consume?

➤ poorer people like Indians consume?

➤ Americans consume directly (food grains)?

➤ Indians consume directly (feed grains)?

➤ Some countries use more than their fair share of resources

➤ It takes _____ as much soil, water, & fertilizer to feed a person in the _____ than in places like _____!

Urban vs. Rural

➤ Half of the earth's people live in _____. This is called

_____.

➤ The other half live on _____. This is called

_____.

Urban Words

➤ **City, or metropolis** –

➤ **Megalopolis** –

➤ **Suburbs** –