

Global Studies

Mrs. Sage

Module 3, Lesson 1

▶ Six Billion and Counting

Global Studies

GNN
"Global News Network...Bringing the World Community Together One Story at a Time"

Orientation Module 1 -- Select a Lesson	Global Perspective Module 2 -- Select a Lesson
World Population ✓ Module 3 -- Select a Lesson 3.00 Print Module Checklist 3.01 Six Billion and Counting 3.02 Using Demographics 3.03 Listen Up! 3.04 What's Your Shoe Size? 3.05 A Hungry World 3.06 Food for Thought 3.07 Take Action 3.08 Module Assessment	Celebrating Diversity Module 4 -- Select a Lesson
	Global Economy Module 6 -- Select a Lesson
	Protecting the Environment Module 8 -- Select a Lesson
	Resources Select course resources here

Copyright Information

Florida Virtual School
Unless otherwise noted,
© 2004-2008 FLVS. Home

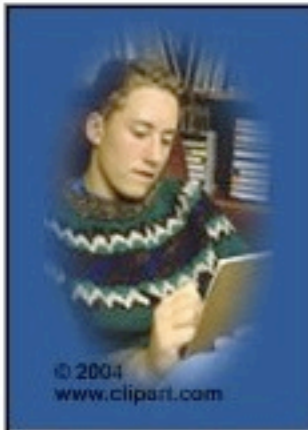
Global Studies

Briefing

Assignment

Report

Lesson 3.01 Six Billion and Counting



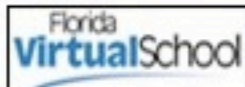
© 2004
www.clipart.com

Your goals are to learn how to complete these objectives:

- Understand how world population has changed over time
- Define demography and understand why it is important to study
- Define important population terms
- Understand that world population growth affects all of the world's citizens

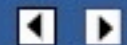
Read the Briefing tab,
understand your
objectives for this
lesson.

Did you know there are more than six billion people who call earth home? Your editor wants you to do some research so you can report on the current status of the world's population and some important issues that go with it.



Unless otherwise noted,
© 2004-2008 FLVS.

Home



Briefing Assignment Report

Lesson 3.01 Six Billion and Counting



© 2004 www.clipart.com

People use the earth to meet their basic needs for survival. When the world's population was small and when humans had relatively limited technologies, our impact on the earth was slight. With increasing numbers of people and with a growing array of agricultural and industrial technologies, our interactions and impacts on the environment are numerous, relatively permanent, and often global in nature. It is a simple fact--the greater the number of people there are in the world, the greater the potential impact!

Having an understanding of the numbers of people in the world can help us develop a global perspective and gain a deeper appreciation for the reality that everything is related to everything else. We cannot have a world and not expect it to have a direct or indirect effect somewhere else. The United Nations estimates that the world population will reach 6.9 billion by the year 2010. This raises some important questions. How do we cope with increasing numbers? Will a growing population deplete the world's resources? How can we meet new demands?

Six Billion and Counting

Over the course of human history, population growth has had both positive and negative effects. When food is plentiful, population increases. Having more people generally leads to advances in science and technology. Increased population also means greater demands on the environment to support the growing numbers.

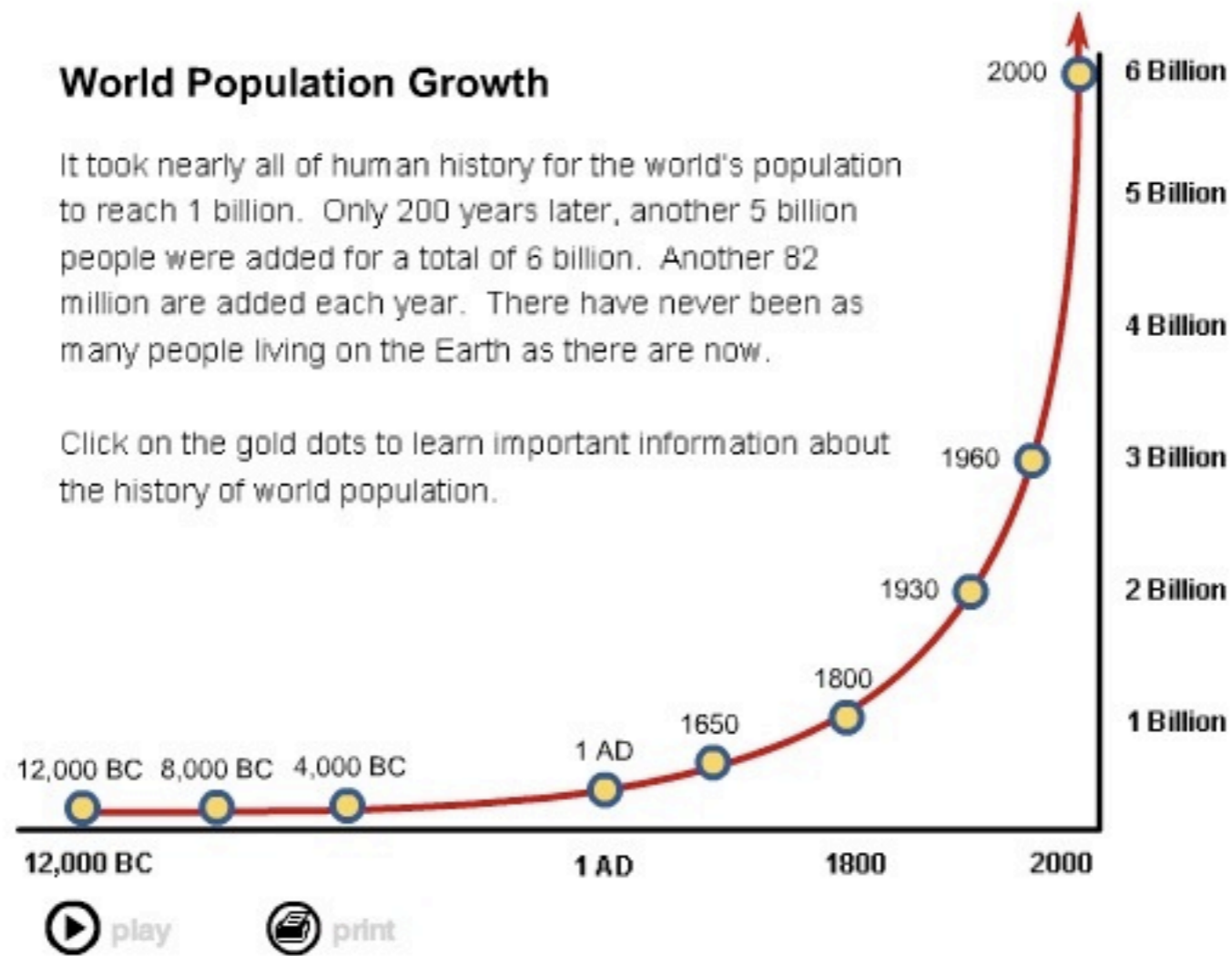
Examine how the population of the world has changed:
[World Population Growth](#)

Read through the lesson, then click the "World Population Growth".

World Population Growth

It took nearly all of human history for the world's population to reach 1 billion. Only 200 years later, another 5 billion people were added for a total of 6 billion. Another 82 million are added each year. There have never been as many people living on the Earth as there are now.

Click on the gold dots to learn important information about the history of world population.



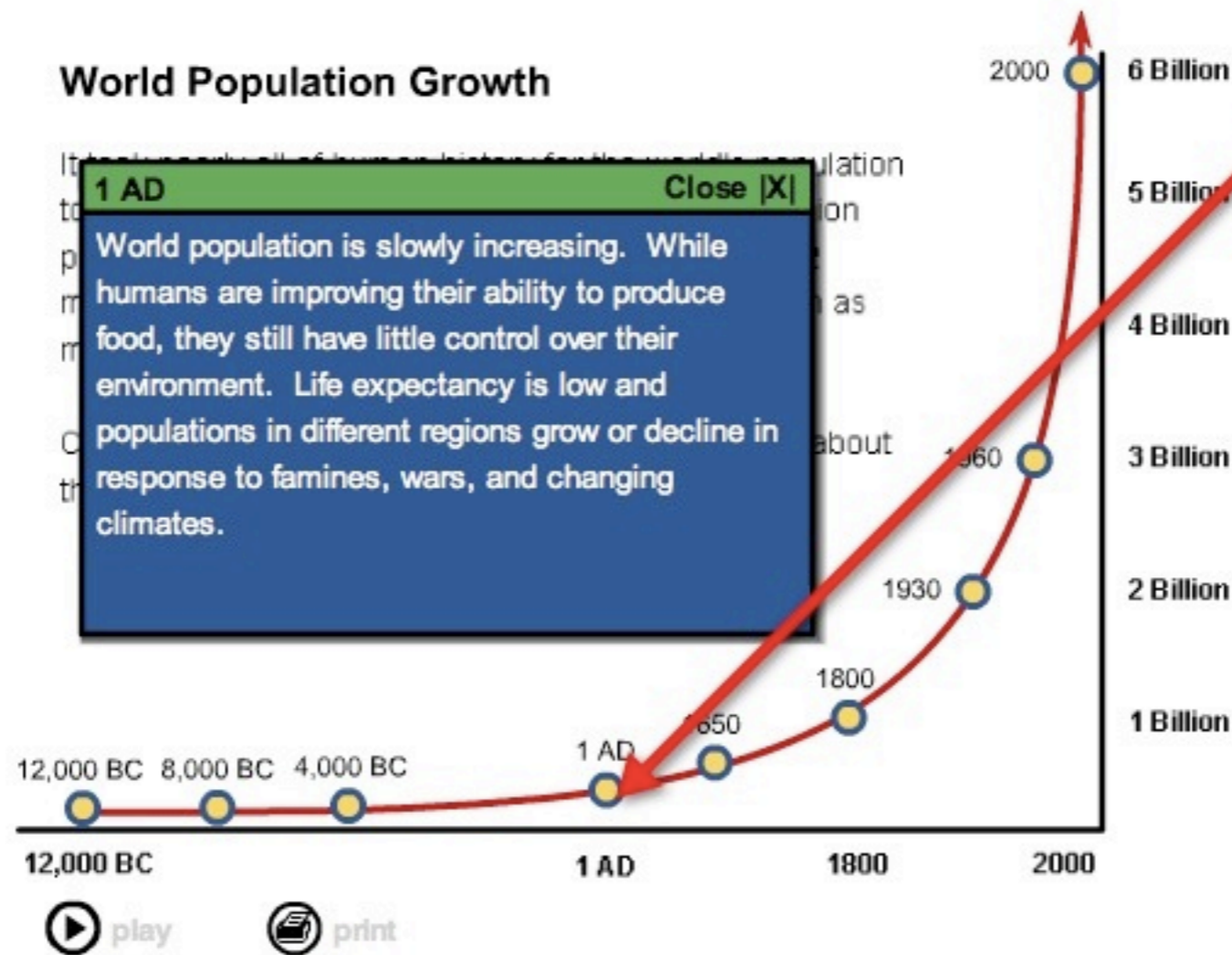
As you click on each yellow dot, you will see more information about population throughout the years.

Be sure to select each of the yellow dots for very important information.

The population of the world is approximately 6.1 billion. That number grows every minute. Even as you are reading this, babies are being born faster than people are dying. At the current rate, the population will be over 13 billion in just 50 years.

Global Studies

World Population Growth

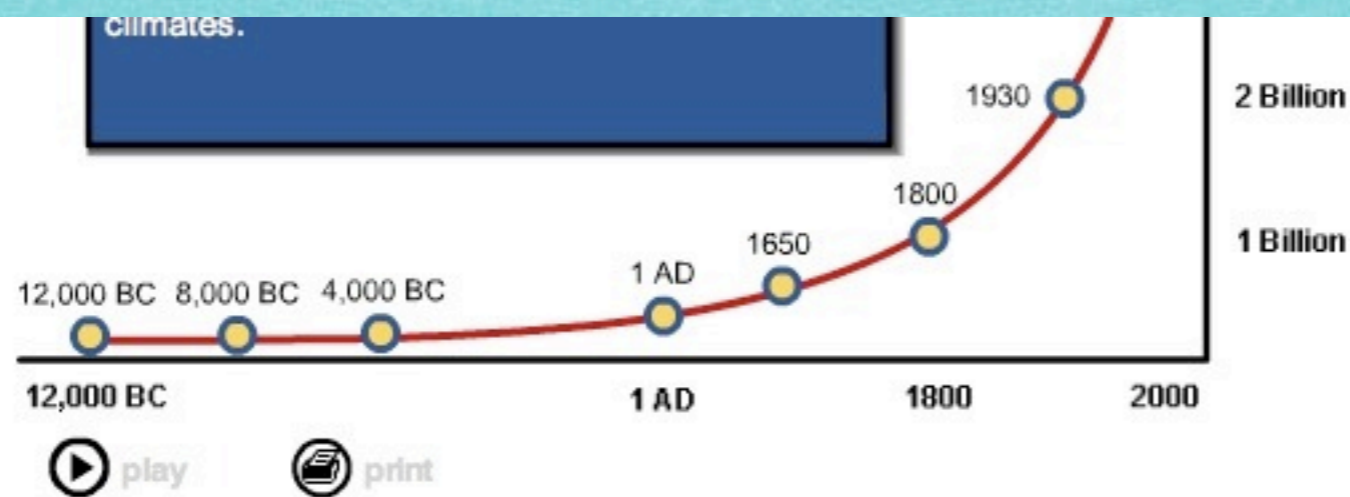


1 AD Close [X]
World population is slowly increasing. While humans are improving their ability to produce food, they still have little control over their environment. Life expectancy is low and populations in different regions grow or decline in response to famines, wars, and changing climates.

When I click on 1 AD, this window pops up explaining more about population during this time. Read through each date on the timeline.

Be sure to select each of the yellow dots for very important information.

The population of the world is approximately 6.1 billion. That number grows every minute. Even as you are reading this, babies are being born faster than people are dying. At the current rate, the population will be over 13 billion in just 50 years.



Once you read through each date, read through the text and click the "back" arrow.

Be sure to select each of the yellow dots for very important information.

The population of the world is approximately 6.1 billion. That number grows every minute. Even as you are reading this, babies are being born faster than people are dying. At the current rate, the population will be over 13 billion in just 50 years.

The world has a limited ability to support life, and there is concern that we are reaching those limits. With uncontrolled population growth, the likelihood increases that these limits will be reached. Current demographics reveal that already one person out of every five lives in absolute poverty, suffering from hunger on a daily basis, and one in ten suffers serious from malnutrition.

Some experts believe there are serious concerns regarding the condition of the human and natural worlds, and that both are on a collision course. Some believe that a future of scarcity and conflict is inevitable. Others believe the only way to avoid such a future is to stabilize the population. Solving the problem of population growth will then help solve the environmental, economic, and social problems we face.

Understanding Demographics

The term *demography* comes from two Greek root words. **Demos** means "the people," and **graphing** means "to write." **Demography means to write about people, or more recently, the term means to study people.** When we discuss demographics, we are referring to studying populations--or groups of people. To do so requires an understanding of the factors that influence populations.

First, when studying populations, demographers strive to determine how many people are in an area (*population density*). Where people live is determined by many factors. Landforms, climate, economy, and convenience are four of the many reasons people choose where to live.

Secondly, demographers like to study population growth, or the rate at which a population is increasing. World population growth is not even and is determined by two major factors--birth and immigration rates. If the birth and immigration rates balance with death rates and emigration rates, then a population is said to have zero population growth. If birth and immigration rates are more, then a population is increasing.

At this point you may be saying, "Hey, I'm a reporter, not a demographer! Why should I care?" everyone should care. As you travel through this module you will see how the populations of the people live, and how they grow, are all interconnected.

- Immig
peopl
an are
- Emigr
peopl
of an

Continue reading through the lesson, understand about demographics and why they are relevant. Read through each link below for more information about the worlds population.



Use the links below to investigate more about the world's population. You take detailed notes on important topics and key terms so you can report on demography and the effects of world population growth.

- [Facing The Future Global Issues in Depth](#): visit Population and read
- [Population](#) copyright MMII



Global Studies

Briefing

Assignment

Report

Lesson 3.01 Six Billion and Counting

Submit Your Work

- When you are sure you have met the learning goals and each grading requirement, click the **3.01 Six Billion** assessment.

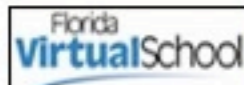


© 2004 FLVS

[How will you be graded on this assessment?](#)

Are all necessary pages printed and placed in your notebook?
Is all work saved on a floppy, zip disk, or CD?

Once you read through the lesson and continue onto the "Report" tab you will be directed to the 3.01 assessment, a worksheet. Use your notes from the lesson to complete.



Unless otherwise noted,
© 2004-2008 FLVS.

Home





3.01 Assessment

Courses	Assignment: 2.01 Using Geography	Not submitted	None / Unlimited
Logoff	Worksheet: 2.02 Geographic Analysis	Not submitted	0 / 2
3.0 Tools	Assignment: 2.03 Getting There	Not submitted	0 / 2
	Worksheet: 2.04 Global Climates	Not submitted	0 / 2
	Worksheet: 2.06 Global Perspectives Survey	Not submitted	0 / 2
	Assignment: 2.07 You Decide	Not submitted	0 / 2
	Worksheet: 2.08 Module Quiz	Not submitted	0 / 2
	Worksheet: 3.01 Six Billion and Counting	Not submitted	0 / 2
	Exam: 3.02 Using Demographics	N/A	0 / 1
	Worksheet: 3.03 Listen Up	Not submitted	0 / 2
	Assignment: 3.04 What's Your Shoe Size?	Not submitted	None / Unlimited
	Assignment: 3.05 Hungry World	Not submitted	None / Unlimited
	Assignment: 3.06 Food for Thought	Not submitted	None / Unlimited
	Assignment: 3.06x What's for Dinner?	Not submitted	None / Unlimited
	Worksheet: 3.07 Take Action	Not submitted	0 / 5
	Worksheet: 3.08 Module Quiz	Not submitted	0 / 2

Click 3.01 Six Billion and Counting under the "Assessment" section.



- 
- ▶ Take your time answering the questions on the assessment. I suggest taking notes on the World Population Graph and the two population web sites within the lesson. Use these notes on the worksheet you complete. Remember to thoroughly answer your essay questions. I need to see that you fully understand fully.
 - ▶ Thank you!



▶ Mrs. Amber Sage
Global Studies Instructor
Florida Virtual School

239-443-5331 office
239-464-4181 text

▶ <http://flvs.gs.weebly.com/>

▶ <http://tiny.cc/sageappt>