

Chapter 7 Web Resources

Opening Case: The Environmental Implications of China's Growing Population

Teaching Tip: Video (p. 225)

Dare to Educate Afghan Girls, TED

Run time: 9 minutes 33 seconds

http://www.ted.com/talks/shabana_basij_rasikh_dare_to_educate_afghan_girls

Use this TED talk by Shabana Basij-Rasikh to introduce cultural differences and how those differences shape environmental, social and economic policy. This talk can be used as an extension to broaden global awareness after students read the opening case.

Teaching Tip: Discussion Starter (p. 226)

Global Trends Quiz, PBS- NOVA

<http://www.pbs.org/wgbh/nova/earth/global-trends-quiz.html>

Use this quiz to engage student interest and introduce concepts taught in Chapter 7.

Module 22: Human Population Numbers

Teaching Tip: Engage (p. 227)

Human Numbers through Time, PBS-NOVA

<http://www.pbs.org/wgbh/nova/earth/global-population-growth.html>

In this interactive, dots are placed on a global map to represent human population numbers. The visual begins 2000 years ago and projects global population numbers through 2050. As greater numbers of dots fill the map, students will visualize the dramatic growth of the human population.

Teaching Tip Engage (p. 228)

Population Clock

<http://www.census.gov/popclock/>

Use this population clock to engage student interest. Students will clearly see that the world population is rapidly climbing and that births are being tallied much faster than deaths. Students are usually fascinated by these clocks, providing a good entry point for population calculations.

Teaching Tip: Beyond the Classroom (p. 232)

Demography Lab, The Biology Corner

http://www.biologycorner.com/worksheets/demography_using_cemetery_data.html

In this lab, students will capture and record birth and death rates from around the country at different time periods, and consider influential factors such as advancements in medicine and environmental protection. Students will also evaluate future population trends, taking into account socioeconomic factors, social stability and disease.

AP[®] Exam Tip (p. 233)

Population Statistics, GeoHive

Use this website to look up current statistics as population numbers will change.

<http://www.geohive.com/>

Teaching Tip: Engage (p. 234)

Population Pyramids: Powerful Predictors of the Future, TED-Ed

Run time: 5 minutes 1 second

<http://ed.ted.com/lessons/population-pyramids-powerful-predictors-of-the-future-kim-preshoff>

This video gives a good visual explanation of age structure diagrams and how they are used.

Module 23: Economic Development, Consumption, and Sustainability

Footprint Calculator, Global Footprint Network

Teaching Tip: Activity (p. 240)

<http://www.footprintnetwork.org/en/index.php/GFN/page/calculators/>

Use this interactive website to calculate ecological footprints.

Teaching Tip: Engage (p. 243)

World in the Balance, PBS-NOVA

<http://www.pbs.org/wgbh/nova/worldbalance/material.html>

World in The Balance: Material World offers a glimpse of average families across the world with their possessions in a picture. Along with photos from Peter Menzel's book, *Material World*, each picture is accompanied by a brief family description and the country's statistical data.
