

Ecological Footprint Pre-Quiz



NAME _____

- Which best defines the Ecological Footprint?
 - The amount of vegetation consumed by a particular animal within an ecological niche.
 - The area of productive land needed to support a population's consumption and waste levels.
 - The amount of ecologically productive land available on the planet.
 - The total amount of space occupied by all of humanity.
- Which statement best describes the total footprint of all humanity (i.e., the global footprint) in relation to the earth's biocapacity?
 - Humans can never outstrip the earth's biocapacity because all resources are renewable.
 - The global footprint can't be measured.
 - The global footprint exceeds the earth's biocapacity by about 20%.
 - The global footprint is less than the earth's biocapacity.

- Circle the underlined word that makes the following statement true.

The US has a larger/smaller *per capita* footprint than China.

- The production of food is supported by which of the following land use types? Circle all that apply.
 - inland water
 - forest sinks
 - grazing land
 - cropland
- Which events have contributed to the development of our current food system? Circle all that apply.
 - Columbus' 1492 voyage
 - The First Thanksgiving
 - Industrial Revolution
 - Colonization
- What is a sink in terms of an ecological footprint?
 - A basin for washing dirt off of your feet
 - An area of land that functions by absorbing waste
 - A term to describe when a footprint size is below sustainable levels.
 - A term to describe when a footprint size is beyond sustainable levels.

- List the three factors that contribute to ecological impact.

- Below are 3 broad concepts central to the Ecological Footprint. Rate the extent to which you think each concept is **relevant** to California state social studies/history standards for your grade level, with 5 being 'extremely relevant', and 1 being 'not relevant.'

Human activity exists within the larger ecosystem.

1 2 3 4 5 not sure

An individual's Footprint is affected by cultural, economic, and political factors.

1 2 3 4 5 not sure

The global Ecological Footprint is affected by population, consumption, and technology.

1 2 3 4 5 not sure