


May 5, 2015

## Warm-Up

Today you will need your pencil and notebook.  
**Test on Thursday on the Biosphere.**



- o **Review: Explain one way in which an invasive species and impact an ecosystem.**

- Displace native species
- Reduce native wildlife habitat
- Reduce forest health and productivity

## Visualizing Invasive Species (Yesterday's Recap)

- Video Clip (start at 0:00)
- <https://www.youtube.com/watch?v=mUssO68D2eM>

- While you watch, in your notebook....

1. Why has the population of Asian Carp grown so rapidly?
2. Why is imported wheat, cows, and pigs not labeled as an invasive species?
3. Why did the government originally plant Kudzu?
4. Why are we not stopping Kudzu? Do you agree with this decision?
5. When you travel, how you can limit invasive species?

## Humans Impact on the Biosphere

Homework

- **#3. Describe the activity and explain the effects on various plants and animal species.**

Activity	Description & Effect
Human Population Growth	Our increasing numbers are using excessive amounts of the <u>Earth's limited resources.</u>
Habitat Alteration or Destruction	Through <u>direct harvesting, pollution, atmospheric changes, and other factors habitats are altered or destroyed, loss of biodiversity.</u>
Overharvesting	Threatens biodiversity by harvesting renewable resources too quickly resulting in extinctions and loss of biodiversity

## Carrying Capacity

Homework

- **Please complete the reading in your baskets to explore carrying capacity.**
- **I will roam to answer your questions.**
- **Homework Answers from Reading:**
  - o Define Carrying Capacity
  - o #2. What are three factors that the carrying capacity of an ecosystem depends on?
  - o Define and Example for Overpopulate
  - o Graphs for the Week
- **Finish Early? Log on to a computer to do this week's research question! Or ask for a review triangle puzzle.**