EnSci 10.1

Goals:

Define keystone species, eutrophication, and habitat segmentation

Bellwork: Vote on the following: "Should people living in the state of Michigan be allowed to hunt for deer away from populated areas and in a legal and licensed way?"

➢ No, with no exceptions
➢ Yes, but only if they use the deer for food
➢ Yes, for food or for sport
➢ Other

Plan:

Class discussion: Analyze the results of the poll, allow for arguments of all sides

Present evidence: damage that deer cause to farmers, ecosystems and private land

Discuss lack of wolves and other large predators in Michigan, how it affects the overall ecosystem health (keystone species)

Second topic: consequences of fertilizers going into streams and lakes

Predict how fertilizers will affect plant life in these ecosystems, how the death of overgrown plant life leads to problems down the chain (eutrophication)

HW: Predict the environmental problems that could be posed by putting a highway down the middle of a national forest (no other development will be added, but the highway is expected to have vehicles traveling 24-7).