

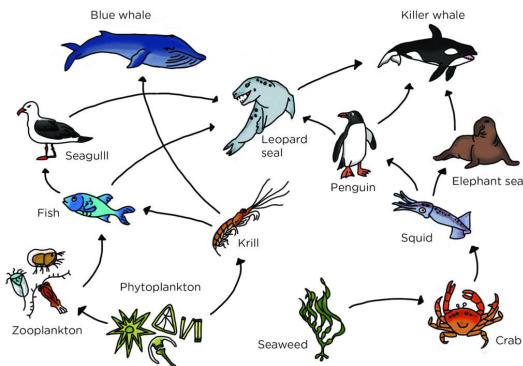
Mrs. Imm's Science News

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Ecosystems: Interactions, Energy, and Dynamics



We will be beginning our unit on ecosystems. Students will be completing activities this week that focus on the following:

- Organisms, and populations of organisms, are dependent on their environmental interactions both with other living (biotic) things and with nonliving (abiotic) factors.
- In any ecosystem, organisms and populations with similar requirements for food, water, oxygen, or other resources may **compete** with each other for limited resources, access to which consequently constrains their growth and reproduction.
- In an ecosystem, there are interdependent relationships - predatory, competition, & mutually beneficial interactions.

NGSS - Life Science 2-1

Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.

What does that mean?

Clarification Statement: Emphasis is on cause and effect relationships between resources and growth of individual organisms and the numbers of organisms in ecosystems during periods of abundant and scarce resources.

Your Child's Progress

Synthetic Materials Research Project

Grade: _____

Missing Assignments?

Weekly Reflection/Goal:

Current Grade: _____

"Eventually we'll realize that if we destroy the ecosystem, we destroy ourselves." - Jonas Smith

Keeping Ahead!

Mrs. Imm's Reminders

- Wednesday 3/7/18
 - Ecosystem Assessment
- Friday 3/9/18
 - End of 3rd Quarter!
- Continue to check wjhs.weebly.com for daily homework assignments



WJHS Events

- Tuesday 2/20/18
 - 4:00--Scholar Bowl @ Valmeyer
 - 4:15--Volleyball vs Red Bud
- Wednesday 2/21/18
 - 3:00--Tutoring
- Thursday 2/22/18
 - 4:00--Scholar Bowl vs New Athens
 - 4:15--Volleyball vs Columbia
- Friday 2/23/18
 - 6:00-8:00-DANCE
- Saturday 2/24/18
 - Solo & Ensemble Contest (Selected Band & Chorus members)