Topic/Objectives: Species Interactions; (1) Discuss the factors that influence an organism's niche; (2) compare and contrast predation, parasitism, and herbivory; (3) describe mutualism and commensalism.	**Name:** **Date:** **Period:**

Essential Question: How do species interact in nature?

Questions:

Notes:

An organism's _____ describes its use of resources and functional role in a community.

- Species have a wide range of different interactions:
  - When multiple organisms seek the same resource _____ ensues.
  - _____, parasitism, and _____ are interactions in which one organism benefits and the other is harmed.
  - Mutualism and _____ are relationships in which neither participant is harmed.

Interaction	Description
Competition (-/-)	Two or more species seek the same limited resource
Predation (+/-)	
Parasitism (+/-)	One organism depends on a host for nourishment.
Herbivory (+/-)	
Mutualism (+/+)	Both organisms provide a benefit to the other.
Commensalism (+/0)	

Summary: