SNC 1DI Date: _____

Energy Flow in Ecosystems

- Every organism needs _____to live
- A _____shows the flow of _____in an ecosystem
- A network of food chains is called a _____

Food Chains

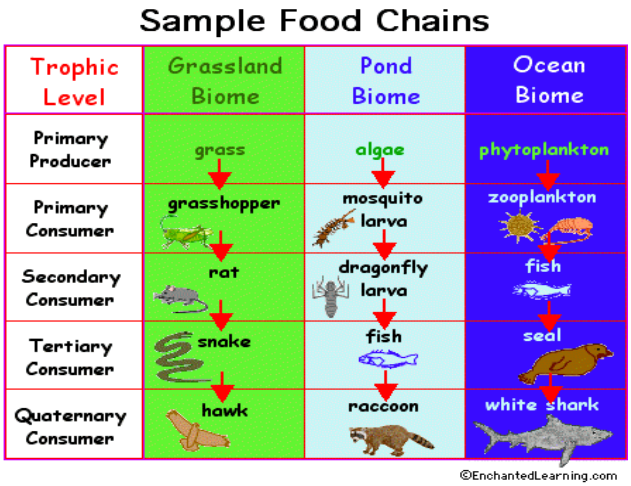
- way of showing _____relationships among organisms
- food chains start with a _____and end with a final _____
- when creating a food chain, the _____demonstrate the flow of _____ in the chain and go from the organism eaten to the organism that eats it

Example Food Chain

organism				
trophic level				
niche				

Trophic Levels

- _____ (first trophic level) – an organism that can make its own food
- _____ (second trophic level) – herbivores
- _____ (third trophic level) – omnivores/small carnivores
- _____ (fourth trophic level) – larger carnivores
- _____ (any level) – feeds on the remains of other organisms



Food Webs

- most consumers usually eat many different types of food, and therefore food chains are too _____
- these complicated feeding relationships can be modelled with a _____