

PART 2- Research OR Create Your Own Ecosystem Drawing **DUE MONDAY/TUESDAY**

OBJECTIVE: Create a food web AND energy pyramid that includes all 6 biotic factors you drew, as well as any additional organisms you need to add to make it fit the requirements below.

REQUIREMENTS:

- (At least) 2 producers,
- (At least) 2 primary consumers (herbivores),
- (At least) 2 secondary & higher consumers (carnivores or omnivores),
- (At least) 1 decomposer or scavenger.

Food Web:

- First, identify/create your producers, different types of consumers (herbivores, carnivores, and omnivores), and decomposers to fit the requirements.
- Organize them into a food web similar to the examples found on the notes we took in class today. Make sure energy flows in ONE direction.

Energy Pyramid:

- Labeled trophic levels (producer, first order consumer, second order consumer, etc.)
- Percentage of energy transferred from each level (see diagram below).
- Every organism that you used for your food web should be written or drawn inside the energy pyramid's sections for the correct trophic level (see diagram below).

Arctic Tundra Energy Pyramid

