**Ecological Pyramid Activity**

**Due:**

Choose on the following ecosystems below:

**Warm-water ocean Temperate Forest Mountain**

**Arctic ocean Jungle Prairie**

**Pond River Desert**

**Lake Tundra Savannah**

On a piece of computer paper or construction paper, construct **three** food chains, **one** food web, **one** pyramid of numbers, **one** pyramid of biomass, and **one** pyramid of productivity for your chosen ecosystem. You may need to research some information. You may use graph paper for your pyramids.

* Label the food chains and food web with the following:
  + Producer(s)
  + Primary consumer(s)
  + Secondary consumer(s)
  + Tertiary consumer(s)
  + Herbivores
  + Carnivores
  + Omnivores
* On your productivity pyramid, label the amount of energy available to each organism based on their trophic level
* Need to research average total energy for the main producer in your ecosystem (For example: the total energy in a grassland producer was found to be 400 kJm-2 y-1)

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