

Science 10 Jigsaw Activity

Terms and Energy in Ecosystems

- You will be assigned one section to become an expert on the topic. You will share information with newly assigned groups so that all sections are filled out and explained.

SECTION 1: similarities and differences.

State how the following terms are similar and how they are different:

- a. Ecology and biology
- b. omnivore and carnivore
- c. Producer and consumer
- d. Primary and tertiary consumer
- e. Food chain and food web

SECTION 2: food chains and trophic levels

Create a common food chain and label the trophic levels

SECTION 3: Draw and label a typical Pyramid of Energy. Give reasons why energy is lost at each level.

SECTION 4: Pyramid of Numbers and Reversed Pyramid. Draw, label and explain.

SECTION 5: Celebrating Earth Day: why do they make a big deal of this day? How does this relate to this unit of study???