Activity Title: **SEE THE WORLD THROUGH AN ECOLOGIST'S EYE**

Worksheet no.5: **THE TROPHIC CHAIN IN AN ECOSYSTEM**

A. Inform yourself

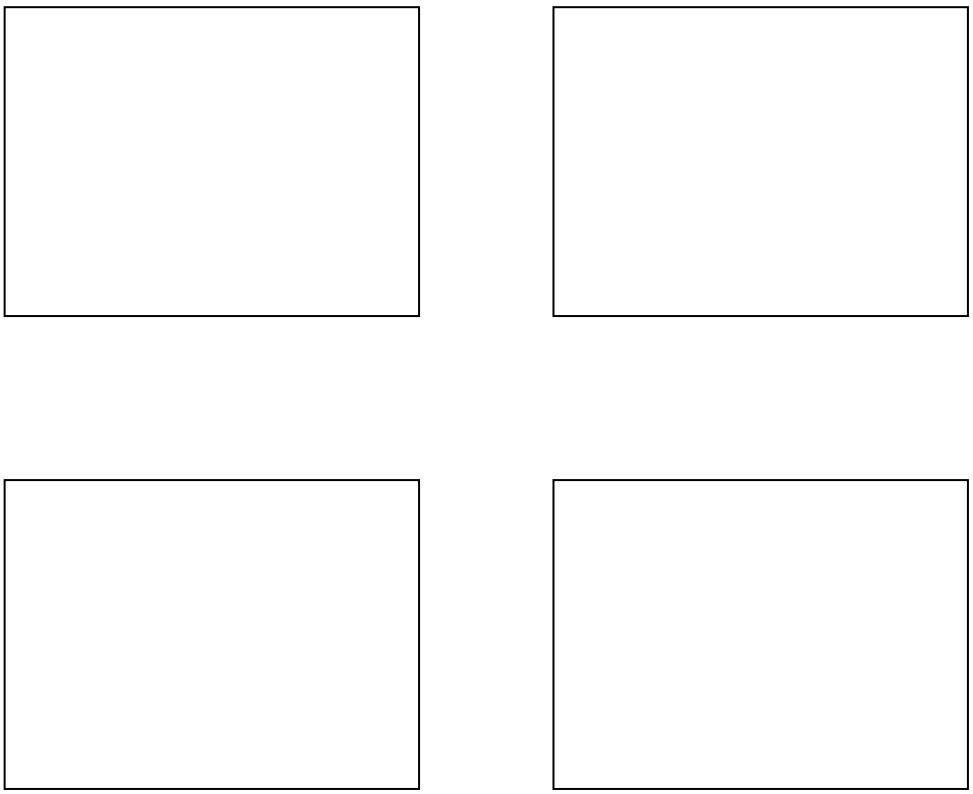
The trophic chain expresses the trophic relation of transformation and circulation of food, in which the organic substance circulates from one species to another in one sense.

Trophic chains are linked together and are made up of several links (rings) that are represented by secondary and tertiary consumers or manufacturers.

Trophic chains and their connections form trophic networks in ecosystems.

The graphical model of quantitative trophic relations is called trophic pyramid (Eltonian).

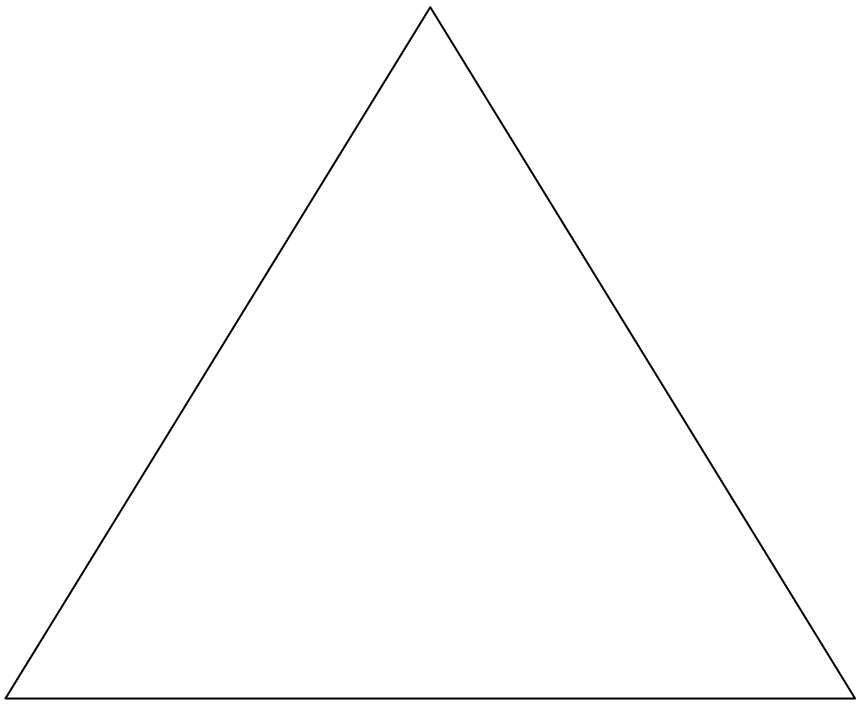
B. Create a trophic chain by completing the boxes below with the name of the living creatures that fulfill the role of producer, consumer or decimator (decomposurer).



C. Choose an ecosystem that you want to research (a park, a river or a forest). Make an Organic Sheet according to the model below:

Organic Sheet

1. Name of the ecosystem: _____
2. Geographic location: _____
3. Abiotic observed components: _____
4. Elements of biocenosis:

   Producers: _____

   - 1st order consumers: _____
   - 2nd order consumers: _____
   - 3rd order consumers: _____
5. Fill in the trophic pyramid below with the creatures categories: