

STUDENT'S

NAME: _____ DATE: _____

COURSE/GRADE: _____ SUBJECT: _____

TOPIC: _____

INSTRUCTION: _____

1.- READ AND COMPLETE ABOUT HOW LIVING THINGS AFFECT THE ENVIRONMENT.

sunlight - dam - harms - pond - trees

Animals Causes Change

Some animals change the environment to improve their habitat. Beavers, for example, need deep water. If the stream where they live is too shallow, the beavers build a pond. They cut down _____ with their teeth. They use the wood to build a _____ across the stream. The blocked water forms a _____ behind the dam.

The change helps plants and animals that need to live in still water.

Also, the trees the beavers cut down no longer shade the ground below. Small plants and shrubs that benefit from direct _____ grow in their place.

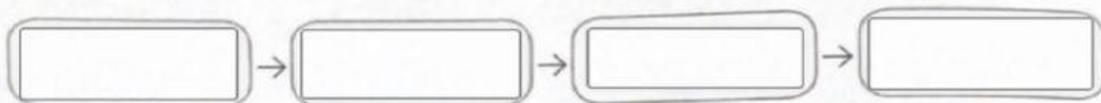
The change _____ plants and animals whose homes are flooded. Trees needed to make the dam are lost. The pond also takes homes away from plants and animals that prefer the flowing water of streams

Food Chains and Food Webs

2.- The living things in the food chain below are placed in the wrong order.

Bird → Leaves → Snake → Caterpillar

a Arrange them in the correct order.



b Identify the producer, primary consumer, secondary consumer, and tertiary consumer in the food chain as shown in (a).

Producer	:	<input type="text"/>
Primary consumer	:	<input type="text"/>
Secondary consumer	:	<input type="text"/>
Tertiary consumer	:	<input type="text"/>

7 Read and fill in the blanks.

Proteins

Proteins are the nutrients in your food that are the major building blocks of your body's tissues. Proteins can also provide you with energy, but only ten to 35 percent of your Calories (kcal) each day should come from protein.

Proteins are long chains of smaller molecules called **amino acids**. There are 23 amino acids that your body needs. Your body can make half of these by itself. The other half must come from your food. These amino acids are called essential amino acids.

Both animal and plant sources of food contain protein. All proteins from animal sources, including meat, fish, and eggs, contain all the essential amino acids. Proteins from plant sources, such as beans, nuts, and grains, do not contain all the essential amino acids. However, since different plants make different essential amino acids, **vegetarians**, or people who do not eat meat or fish, can combine their sources of plant protein to get all the essential amino acids in their diet.



These foods have a lot of protein.



Together, rice and beans provide all the essential amino acids.

- a) Carbohydrates are made up of smaller molecules called sugars. The smaller molecules that make up proteins are _____.
- b) The amino acids that your body cannot make are called _____ amino acids. They must come from your _____.
- c) Food from _____ sources contain all the essential amino acids.
- d) To get all the essential amino acids, _____ must combine sources of plant protein.