







READING ACTIVITIES

4.1. Complete the following sentences related to the function of nutrition:

- a. There are two types of nutrition: **autotrophic** nutrition, natural to **plants** and **heterotrophic** nutrition, characteristic of **animals**.
- b. The organisms which have autotrophic nutrition, make the **organic** matter that they need from **inorganic** matter.
- c. **Photosynthesis** is the most important kind of autotrophic nutrition.
- d. Plants and other photosynthetic organisms use energy from the **sun**.
- e. They obtain the inorganic matter from the **air** (carbon dioxide and **oxygen**) and from the **ground** (mineral salts and **water**)
- f. Organisms with **heterotrophic** nutrition depend on organisms with **autotrophic** nutrition to live, because they feed up of **them**.

4.2. Mark which of the following creatures have *autotrophic nutrition* and which ones have *heterotrophic nutrition*.

AUTOTROPHS			HETEROTROPHS		
					
Algae	Moss	Cypress	Fungu	Butterfly	Starfish

4.3. Indicate if the following sentences, which refers to the *interaction function*, are true (T) or false (F):

- a. Responses are the reactions of the living beings to a stimulus..... **T**
- b. Stimuli are all environmental changes able to cause a response in a living creature..... **T**
- c. Interaction function allows living beings their adaptation to new environmental conditions..... **T**
- d. Plants, as they can not move, are unable to respond to environmental changes..... **F**
- e. Animals can feel the changes around them thanks to their sense organs..... **T**
- f. Unicellular organisms are unable to detect changes in environment or react to them..... **F**

4.4. Complete the chart with the characteristics of sexual and asexual reproduction:

Asexual reproduction	Sexual reproduction
b. The sex doesn't exist.	a. It is made through gametes.
c. Only one parent is necessary.	e. Descendants are similar to parents.
d. Specialised cells aren't needed.	f. Two parents are absolutely necessary.
g. Descendants are identical to parents.	h. There are two different sexes.