

Energy in the Environment

Read and choose the correct option.

1 Living things that can make their own food are known as:

Heterotrophs

Inorganic matter

Autotrophs

2 Heterotrophic organisms feed on

Animals

Plants

Both, animals and plants

3 Are these autotrophic or heterotrophic organisms?



4 Read and match the columns.

- It is released as waste during respiration.	Glucose
- It is absorbed through the roots from the ground.	Carbon dioxide
- These capture energy from sunlight.	Chloroplasts
- This substance is needed to perform functions with energy.	Water

5 Label the components of an ecosystem.

Individual	Population	Community	Ecosystem
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It consists of the living things, the conditions of the place and the interactions between them.

All the populations that inhabit a common environment.

Refers to EACH living thing that belongs to a particular species.

Is a group of individuals of the SAME species that live in the SAME space at the SAME time.



6 Types of consumers (herbivores, carnivores, omnivores, scavengers, parasites)

Name the types of consumers. Then drag and drop the image that corresponds to the type of consumer.

	Consume both animals and plants		
	These organisms eat plants including leaves, flowers, fruits or seeds.		
	These consumers feed on other animals but without killing them.		
	These organisms feed on other animals.		
	They consume waste and dead animals or carrion.		

7 Trophic Levels chains and systems. Choose the correct option.

_____ put the energy into the ecosystem.

_____ return matter to the producers.

_____ consumers feed on producers and represent the Second Trophic Level.

8 Look at the image and write the answer (a, b, c, d)



1) which is a chain in the food web

- a) bush / rat / rabbit / eagle
- b) grasshopper / rabbit / Eagle
- c) bush / rat / fox
- d) Bush / rabbit / fox

2) Which gets the most energy from the bush?

- a) The bird
- b) The rabbit
- c) The fox
- d) The eagle

3) Which organism is necessary for the existence of all others?

- a) The fox
- b) The grasshopper
- c) The bush
- d) The rabbit

