



SCIENCE

Term 1 - Energy in the Environment



1. Read and choose the correct option.



Living things consist of

Water, energy, cells

☐

Cells, tissues, organs

☐

Organs, energy, oxygen

☐

Some examples of nutrients are

Carbohydrates & Proteins

☐

Vitamins & Water

☐

Photosynthesis

☐

Living things that can make their own nutrients are known as

Heterotrophs

☐

Inorganic matter

☐

Autotrophs

☐

Heterotrophic organisms feed on



Animals & Water

☐

Plants

☐

Both, animals & Plants

☐

2. Are these autotrophic or heterotrophic organisms?



3. Read and match the columns according to the Photosynthesis process.

It's released as waste during respiration.

Absorbed through the roots from the ground.

Capture energy from sunlight.

A product needed to perform their functions with energy.





GLUCOSE

CARBON DIOXIDE

CHLOROPLASTS


WATER

4. Label the components of an Ecosystem.

INDIVIDUAL	POPULATION	COMMUNITY	ECOSYSTEM
Temperature Light Humidity Interactions	Unicellular or Multicellular Particular species	A common environment	Same species Same place Same time
			

5. Types of Consumers

Name the type of consumer and complete the definitions. Then, drag and drop the image that corresponds as an example.

<input type="text"/>	Consume both animals and ____.		
<input type="text"/>	These ones eat ____ including leaves, flowers, fruit or seeds.		
<input type="text"/>	____ that feed on other animals.		
<input type="text"/>	These are consumers that feed on other animals but without ____ them.		
<input type="text"/>	Consume waste and dead animals or ____.		

6. Trophic Levels, Chains and Systems

_____ put the energy into the ecosystem.

_____ return matter to the producers.

_____ & inorganic matter is taken and incorporated to the food chain.

_____ that feed on producers represent the Second Trophic Level.

_____ can also exist represented by tertiary consumers.

_____ return inorganic matter to the soil.

*Look at the image and answer (A, B, C, D)

a) 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

☐

b) Which gets the most energy from the bush?

A - The bird

B - The rabbit

C - The fox

D - The eagle

☐

c) What would happen to the bird if the grasshopper disappeared?

A - It would decrease in numbers and disappear.

B - It would increase in numbers.

C - It would feed on the bush.

D - Nothing would happen.

☐

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

A - The fox

B - The grasshopper

C - The bush

D - The rabbit

☐

*we're all
IN THIS
together*



We are proud of you and of how far we've come together.

Can't wait for our next learning experiences!

Mely & Pal

