

MCQ: Biotic Factors

Identify ALL of the **biotic (living) factors from the **list below:****

Select ALL correct options

Kangaroo

1

Gum tree

2

Rain

3

Koala

4



MCQ: Abiotic Factors

Identify ALL of the **abiotic (non-living)** factors from the list below:

Select ALL correct options

Rain

1

Mouse

2

Tree

3

Temperature

4



MCQ: What are Food Chains?

Recall how **food chains show the relationships** between producers, consumers and decomposers:

- By using squares to show who eats what. 1
- By letting everything off the chain. 2
- By using arrows to show who eats what. 3
- By chaining everything together. 4



MCQ: Arrows

Recall what the **directions of the arrows** in a **food chain** represent:

- 1 The direction of the flow of light.
- 2 Which animal is bigger.
- 3 Where the animal can go.
- 4 The direction of the flow of energy.



MCQ: First Link

Recall which **type of organism** always falls in the **first link** of a food chain:

1 Producer

2 Consumer

3 Decomposer



MCQ: Level of Consumers 1

Recall which **level of consumers** feeds directly on **producers**:

- First order consumers 1
- Second order consumers 2
- Third order consumers 3



Drag and Drop: Food Chain 1

Drag and drop these organisms into their correct positions in the food chain:

⋮ Rabbit ⋮ Grass ⋮ Fox

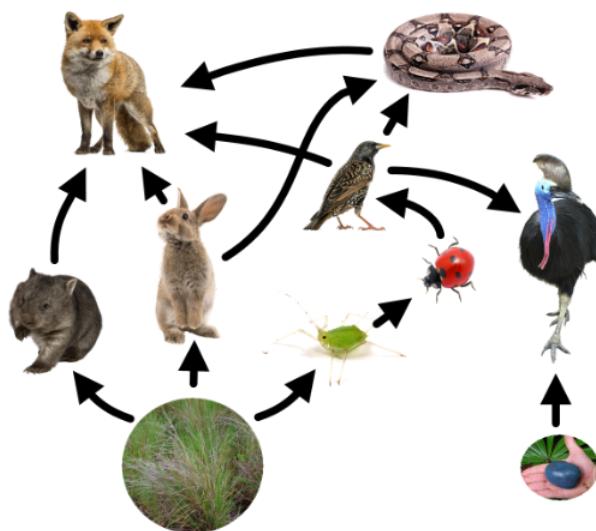
[] → [] → []



MCQ: What are Food Webs?

Identify what a **food web** shows among the options below:

- 1 The opposite of food chains in an ecosystem.
- 2 How many spiders there are building webs.
- 3 The interaction of multiple food chains within an ecosystem.
- 4 The interaction of one food chain within an ecosystem.



MCQ: Direction of Arrows

Identify what the arrows **point towards** in a food web:

- 1 The best friend of the organism.
- 2 The organism that is doing the eating.
- 3 The organisms that hate each other.
- 4 The organism that is being eaten.



MCQ: Food Web or Chain? 2

Clarify whether the following is a description of a **food web** or a **food chain**:

*They are a **visual way** of showing who eats whom in an ecosystem.*

1 Food web

2 Food chain

3 Both



MCQ: Producers

Identify how a **producer gains **energy**:**

- By eating other organisms. 1
- By breaking down dead organisms. 2
- Through photosynthesis. 3



MCQ: Producer 2

Think about the food you eat. **Clarify** whether **lettuce** is a **producer**:

Yes 1

No 2



MCQ: Photosynthesis 2

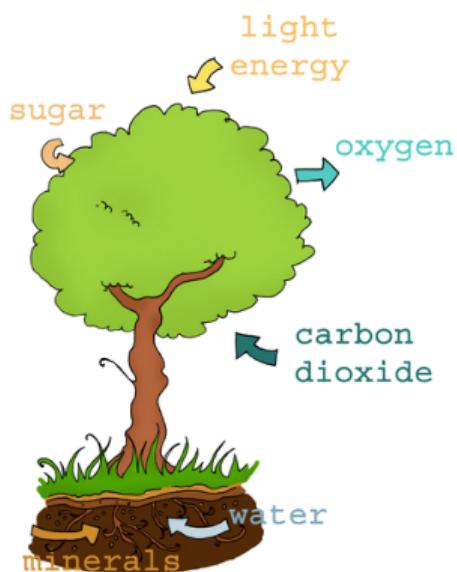
Identify the source of **energy** for **photosynthesis**:

Sunlight

1

Sugars

2



MCQ: What are Decomposers?

Recall what **decomposers** do:

○ Produce their own food using the Sun's energy. 1

○ Eat other organisms to gain energy. 2

○ Break down dead or decaying organisms. 3



MCQ: Importance of Decomposers

Identify the reason why **decomposers** are **important**:

- They make their own food. 1
- They steal nutrients from the soil. 3

- They return nutrients to the soil. 2
- They start wars with plants. 4



MCQ: What are Consumers?

Recall the definition of **consumers**:

- Organisms that eat other organisms to gain energy. 1
- Organisms that break down dead or decaying organisms. 2
- Organisms that produce their own food using the Sun's energy. 3



Drag and Drop: Types of Consumers

Drag and drop the words into the correct spaces to complete the sentence:

⋮ Carnivores

⋮ Omnivores

⋮ Herbivores

There are three types of consumers:

1. [] only eat plants.
2. [] eat both plants and animals.
3. [] only eat animals.



Consumers can be broken down into three levels.

Recall the definition of **first order consumers**:

- Organisms that eat lower level consumers. 1
- Carnivores or omnivores that feed on herbivores. 2
- Herbivores, or animals that only feed on producers. 3

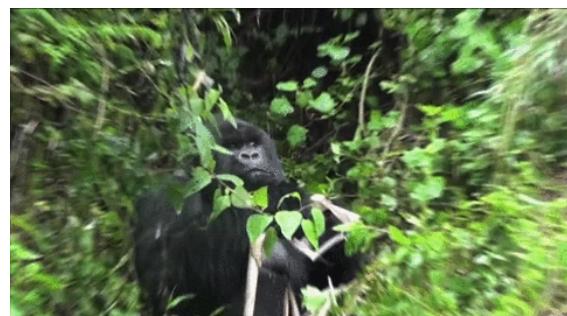


MCQ: Second Order

Consumers can be broken down into three levels.

Recall the definition of **second order consumers**:

- Herbivores, or animals that only feed on producers. 1
- Organisms that eat lower level consumers. 2
- Carnivores or omnivores that feed on herbivores. 3



MCQ: Third Order

Consumers can be broken down into three levels.

Recall the definition of **third order consumers**:

- Organisms that eat lower level consumers. 1
- Herbivores, or animals that only feed on producers. 2
- Carnivores or omnivores that feed on herbivores. 3



MCQ: Predator

Recall the correct term for the following definition:

An animal that hunts and eats other animals.

Competitor

1

Predator

2

Parasite

3

Herbivore

4

