

MCQ: Biotic Factors

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

Select ALL correct options

☐ Kangaroo

1

☐ Gum tree

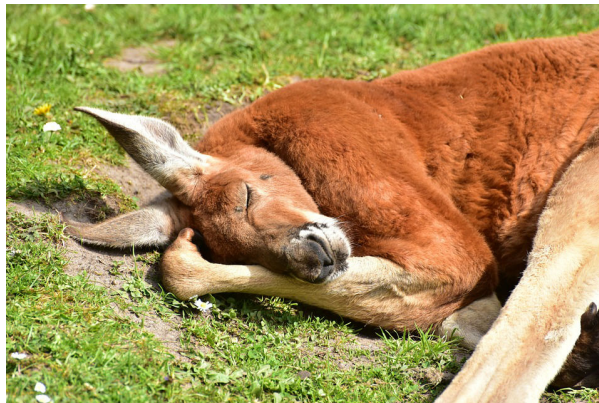
2

☐ 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

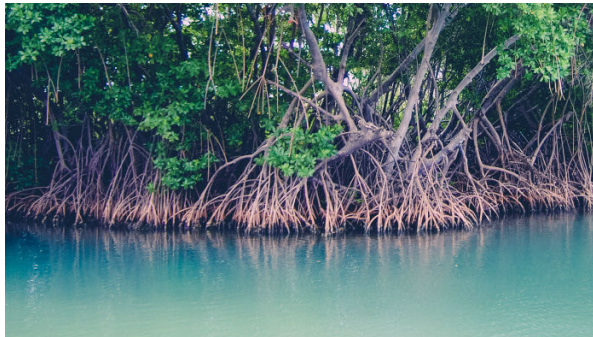
2

☐ 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



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

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



MCQ: First Link

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

☐ Producer

1

☐ Consumer

2

☐ Decomposer

3



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:

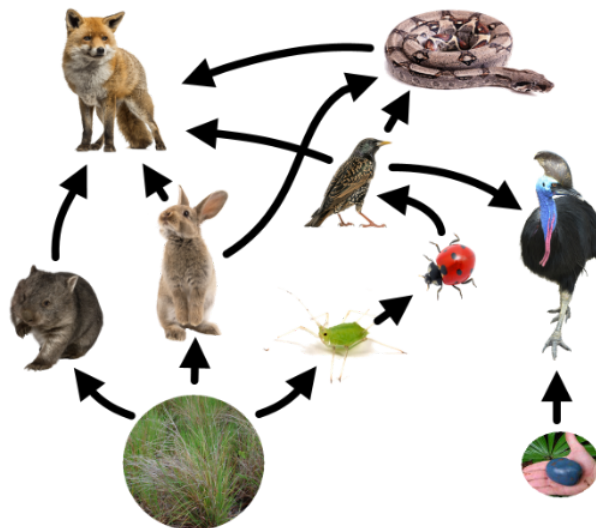
⋮ Rabbit ⋮ Grass ⋮ Fox



MCQ: What are Food Webs?

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

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



MCQ: Direction of Arrows

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

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



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.*

☐ Food web 1

☐ Food chain 2

☐ Both 3



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



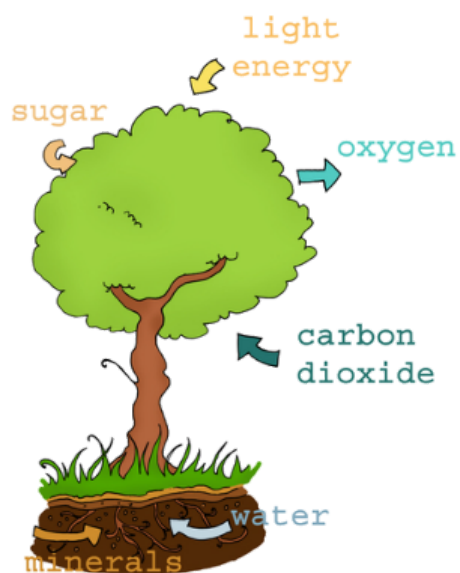
Identify the source of energy for photosynthesis:

☐ 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 return nutrients to the soil. 2

☐ They steal nutrients from the soil. 3

☐ 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:

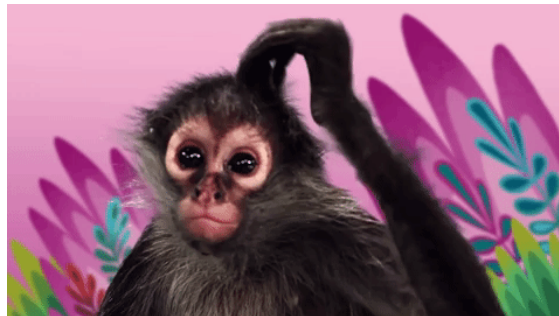
1. only eat plants.
2. eat both plants and animals.
3. only eat animals.



Consumers can be broken down into three levels.

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

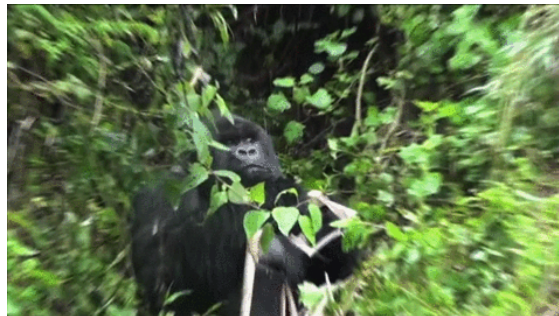
- ☐ Organisms that eat lower level consumers. 1
- ☐ Carnivores or omnivores that feed on herbivores. 2
- ☐ Herbivores, or animals that only feed on producers. 3



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



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



Recall the correct term for the following definition:

An animal that hunts and eats other animals.

☐ Competitor 1

☐ Predator 2

☐ Parasite 3

☐ Herbivore 4

