

Q1

Station 1

The path of food energy from one organism to another in an ecosystem is called-

- A) Energy Web
- B) Producer
- C) Food Chain
- D) Predator

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Q2

Station 1

A connection of food chains with many food energy paths in an ecosystem-

- E) Environment
- F) Population
- G) Community
- H) Food Web

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Q3

Station 1

Algae is an aquatic plant. It can make the water look like it's green or other colors. What is the role of algae in an ocean ecosystem?

- J) Consumer
- K) Producer
- L) Decomposer
- M) Carnivore

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Q4

Station 1

Mushrooms, fungi, and some types of bacteria are classified as decomposers. What is the role of a decomposer in a food web?

- N) To release oxygen into the atmosphere for breathing
- O) To use sunlight to produce their own food
- P) To provide the energy consumers need for food
- Q) To break down organic wastes and dead organisms

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Q1

Station 2

The pictures show organisms that live in a land ecosystem. Which organism is a producer?

- A) cactus
- B) snake
- C) hare
- D) lizard



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Q2

Station 2

Which classification best describes herbivores?

- A) predators
- B) consumers
- C) producers
- D) decomposers

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Q3

Station 2

Look at the food chain below. How is the grass in this food chain best described?

grass → grasshopper → bird

- A) It's a producer because it makes its own food.
- B) It's a consumer because it gets energy from producers.
- C) It's a producer because it is eaten by consumers.
- D) It is a decomposer because it breaks down dead organisms.

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Q4

Station 2

From where does the energy for this ocean food chain come?

algae → small fish → seals

- A) salt
- B) ocean tides
- C) the sun
- D) algae

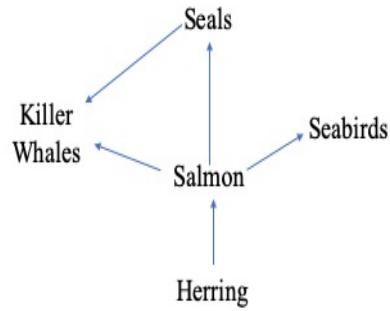
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Q1

Station 3

Look at the marine food web below. What do seals eat for energy?

- A) killer whale
- B) herring
- C) salmon
- D) seabirds



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Q2

Station 3

Look at the table with the characteristics of herbivores. Which of the the following animals would be considered a herbivore?

- A) black bear
- B) leopard
- C) deer
- D) tiger

Herbivores	<ul style="list-style-type: none"> - Only eat plants - Can be large, hoofed mammals - Preyed on by carnivores
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Q3

Station 3

Which table shows the correct role of each organism in the food chain below?

Algae → Crabs → Eels → Seals → Sharks

A		B		C		D	
Organism	Role	Organism	Role	Organism	Role	Organism	Role
Algae	Producer	Algae	Producer	Algae	Decomposer	Algae	Producer
Crabs	Producer	Crabs	Consumer	Crabs	Consumer	Crabs	Consumer
Eels	Consumer	Eels	Consumer	Eels	Consumer	Eels	Consumer
Seals	Consumer	Seals	Consumer	Seals	Consumer	Seals	Consumer
Sharks	Consumer	Sharks	Consumer	Sharks	Decomposer	Sharks	Decomposer

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Q4

Station 3

In a food chain, energy does not flow directly from...

- A) consumer to producer
- B) producer to decomposer
- C) consumer to decomposer
- D) producer to consumer

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Q1

Station 4

Two groups of animals are listed in the table below. Which of the following animals belongs in group A?

- A) horse
- B) sheep
- C) hawk
- D) elephant

Group A	Group B
Owl	Cow
Wolf	Rabbit
Shark	Deer

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Q2

Station 4

Below is an incomplete food chain. What could go in the missing spot?
sun → grass → ??? → lion

- E) flower
- F) leopard
- G) zebra
- H) polar bear

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Q3

Station 4

A pine tree has fungus growing on one side of it. What is the fungi and what is it doing?

- A) Fungi are scavengers. They are eating the dead parts of the pine tree.
- B) Fungi are producers. They are providing the pine tree with food.
- C) Fungi are producers. They are making their own food.
- D) Fungi are decomposers. They are decomposing part of the tree.

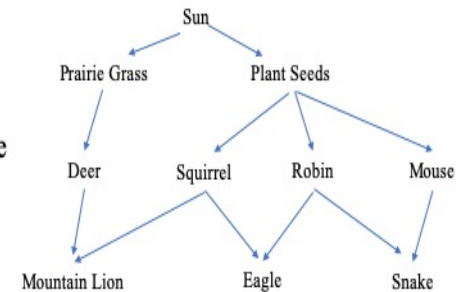
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Q4

Station 4

Which animal(s) get their energy directly from eating squirrels?

- E) plant seeds
- F) mountain lion
- G) mountain lion and eagle
- H) eagle and snake



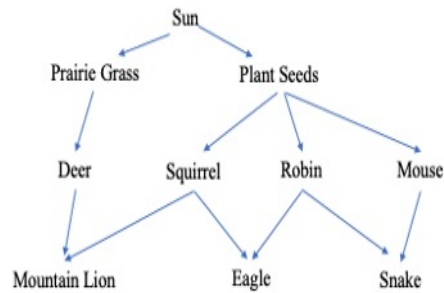
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Q1

Station 5

Which of the following is a producer in the food web?

- A) sun
- B) squirrel
- C) plant seeds
- D) eagle



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Q2

Station 5

All of the following organisms are consumers except-

- E) butterfly
- F) mushroom
- G) rattlesnake
- H) chipmunk

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Q3

Station 5

When a bird dies, it benefits a tree by providing it with-

- J) nutrients
- K) oxygen
- L) water
- M) food to eat

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Q4

Station 5

Why is the process of photosynthesis important to plants?

- P) It helps to attract insects like bees to plant flowers.
- Q) It changes glucose (plant sugar) into a carbon dioxide.
- R) It absorbs sunlight which is used to make food (glucose) for plants.
- S) It rids the plant of waste products.

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