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6th, 7th, 8th Grade Reading Mega Bundle

Reading Comprehension Passage & Questions

- ✓ Over 115 Readings! Covers all Science Topics
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Ecosystems

What is an ecosystem?

An **ecosystem**¹ is a place in which living and nonliving things interact with each other. Ecosystems come in all shapes and sizes and are all different.

Did You Know?
Half the world's species
live in tropical
rainforests!

What are the parts of an ecosystem?

In every ecosystem, there are two main parts:

- **Abiotic factors**²: The nonliving part of the environment. Examples include sunlight, water, air, and soil.
- **Biotic factors**³: The living (or once living) part of the environment. They must be able to reproduce. Examples include fungi, plants, and animals.



Water is an abiotic factor.

Different types of ecosystems:

Ecobottle Sample



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¹ **Ecosystem:** a community in which living and nonliving things interact with each other.

² **Abiotic factors:** nonliving part of the environment

³ **Biotic factors:** living (or once living) part of the environment

How do different parts of the ecosystem interact with each other?

Each ecosystem has a food web. Different animals and plants may be part of more than one food web. Food webs have producers and consumers. **Producers**⁴ (plants) are at the bottom. Plants make sugars using light energy from the sun in a process called “**photosynthesis**”⁵. Combined, the producer level contains the most energy. Next, the **primary consumers**⁶ eat the producers.



Producers make up the bottom of a food web.

Ecobottle Sample

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Additional Facts About Ecosystems:

- Almost all the ecosystems in the world today have been changed by human actions.
- Aside from producers, herbivores, omnivores, and carnivores, there are also **detritivores**⁷ that feed on decomposing or dead things. Examples of detritivores include earthworms and fungi.



Fungi are detritivores: they feed on dead matter.

⁴ **Producers:** plants; producers make sugars and serve as food for consumers.

⁵ **Photosynthesis:** the process plants use to make sugars from the sun's light energy.

⁶ **Primary consumers:** the first consumer level; primary consumers eat producers.

⁷ **Detritivores:** feed on decomposing or dead things.

Reading Comprehension Questions:

1. What is an ecosystem?
2. What
3. Name three different types of ecosystems.
4. What are

Extension Questions:

5. Why are
6. Research an ecosystem online and list the following components found within it.
 - two biotic and two abiotic factors
 - one
 - one common:

1.

Ecobottle Sample



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