

Fall Science Flashcards with Nova the Owl

Learning objective: To identify and describe the seasonal changes that occur during fall, including plant life cycles, animal behavior, and weather patterns.

Read the front of each flashcard to test your knowledge about fall. Nova the Owl has provided the answers on the back to help you learn about this wonderful season!

What do we call trees that shed their leaves every fall?

Deciduous trees.

Why do leaves change color from green to red, orange, or yellow in fall?

The tree stops producing chlorophyll, which is the green pigment used to make food.

What is the name of the process where animals travel to warmer climates to find food during winter?

Migration.

What is the biological state where some animals, like hedgehogs, enter a very deep sleep to save energy during the cold months?

Hibernation.

During fall, the days get shorter and the nights get longer. Why does this happen?

Because the Earth's tilt means we receive less direct sunlight as we move towards winter.

What is the name of the organisms that thrive in damp fall conditions and help decompose fallen leaves?

Fungi (such as mushrooms).

When a plant stops growing and waits for spring to return, what do we say it is?

Dormant.

What is the main source of energy that plants use to make food during the spring and summer before fall arrives?

Sunlight (used in photosynthesis).

What do we call the day in fall when the day and night are of equal length?

The Fall Equinox.

Why is it important for animals to build up fat stores or gather seeds during the fall months?

To survive the winter when food is harder to find.

What happens to the temperature in the UK as we move from September into November?

The average temperature decreases as we move towards winter.

What is the term for the fallen leaves that decay on the ground and provide nutrients for the soil?

Leaf litter.