

Reading Passage: The Amazing World of Butterflies (Science 3)

Butterflies are amazing creatures that bring beauty to our gardens. They start their life as tiny eggs. These eggs are laid on leaves by a mother butterfly. After a few days, the eggs hatch into caterpillars.

Caterpillars are very hungry and eat a lot of leaves to grow bigger. They have long, worm-like bodies and many legs. As they grow, they shed their skin several times. This process is called molting.

Once the caterpillar is big enough, it makes a special house around itself called a chrysalis. Inside the chrysalis, the caterpillar changes into a butterfly. This transformation is called metamorphosis. It is a magical process that takes about two weeks.

When the butterfly is ready, it breaks out of the chrysalis and spreads its wings. At first, the wings are wet and crumpled, but soon they dry and become strong. The butterfly can then fly away to explore the world and find flowers.

Butterflies love to drink nectar from flowers. Nectar is a sweet liquid that gives them energy. Butterflies use their long tongues to sip nectar, just like we use straws to drink juice. They help plants grow by carrying pollen from one flower to another. This is called pollination.

Butterflies come in many colors and patterns. Some are bright and colorful, while others are more plain. They use their colors to hide from predators or to attract mates.

Butterflies are important for our environment. They help flowers grow and make our world more beautiful. Next time you see a butterfly, remember the amazing journey it took to become such a beautiful creature.

Multiple Choice Questions

1. Where do butterflies lay their eggs?
 - A. On the ground
 - B. On leaves
 - C. In water
 - D. In nests
2. What do caterpillars eat to grow bigger?
 - A. Flowers
 - B. Leaves
 - C. Grass
 - D. Fruits
3. What is the process of a caterpillar shedding its skin called?
 - A. Metamorphosis
 - B. Flying
 - C. Molting
 - D. Pollination
4. What does a caterpillar make around itself to become a butterfly?
 - A. A nest
 - B. A web
 - C. A chrysalis
 - D. A cocoon
5. How long does the transformation inside the chrysalis take?
 - A. One day
 - B. One week
 - C. Two weeks
 - D. One month

6. What do butterflies drink from flowers?
 - A. Water
 - B. Nectar
 - C. Pollen
 - D. Honey
7. How do butterflies drink nectar?
 - A. With their tongues
 - B. With their legs
 - C. With their wings
 - D. With their antennae
8. What is the process of carrying pollen from one flower to another called?
 - A. Metamorphosis
 - B. Pollination
 - C. Migration
 - D. Molting
9. Why do butterflies have different colors and patterns?
 - A. To scare people
 - B. To play hide and seek
 - C. To hide from predators or attract mates
 - D. To sleep better
10. Why are butterflies important for our environment?
 - A. They make honey
 - B. They help flowers grow and make our world beautiful
 - C. They eat harmful insects
 - D. They clean the air

Answers and Explanations

1. **B. On leaves** Explanation: Butterflies lay their eggs on leaves.
2. **B. Leaves** Explanation: Caterpillars eat a lot of leaves to grow bigger.
3. **C. Molting** Explanation: The process of a caterpillar shedding its skin is called molting.
4. **C. A chrysalis** Explanation: A caterpillar makes a chrysalis around itself to become a butterfly.
5. **C. Two weeks** Explanation: The transformation inside the chrysalis takes about two weeks.
6. **B. Nectar** Explanation: Butterflies drink nectar from flowers.
7. **A. With their tongues** Explanation: Butterflies use their long tongues to drink nectar.
8. **B. Pollination** Explanation: The process of carrying pollen from one flower to another is called pollination.
9. **C. To hide from predators or attract mates** Explanation: Butterflies have different colors and patterns to hide from predators or attract mates.
10. **B. They help flowers grow and make our world beautiful** Explanation: Butterflies are important because they help flowers grow and make our world beautiful.