

Reading Passage: The Busy Bees(Science 2)

Bees are amazing insects that play a very important role in our environment. They are known for making honey, but they do much more than that. Bees help plants grow by carrying pollen from one flower to another. This process is called pollination.

Bees live in large groups called colonies. Each colony has one queen bee, many worker bees, and some drones. The queen bee lays eggs, the worker bees collect nectar and pollen, and the drones help the queen bee.

Worker bees are very busy. They fly from flower to flower, collecting nectar and pollen. Nectar is a sweet liquid inside flowers. Bees use their long tongues to suck up the nectar and store it in their stomachs. When they return to the hive, they turn the nectar into honey.

Honey is food for the bees, especially during the winter when there are no flowers. People also love to eat honey because it is sweet and delicious. Bees make honey by beating their wings and mixing the nectar with special enzymes.

Bees are very important for our environment. Without bees, many plants would not be able to produce fruits and seeds. This means we would have fewer fruits and vegetables to eat. We need to protect bees and their habitats to keep our environment healthy and our food supply plentiful.

Multiple Choice Questions

1. What do bees help plants do?
 - a) Grow tall
 - b) Make honey
 - c) Produce fruits and seeds
 - d) Stay green
2. What is the process of bees carrying pollen from one flower to another called?
 - a) Pollination
 - b) Collection
 - c) Evaporation
 - d) Condensation
3. What is a group of bees living together called?
 - a) A swarm
 - b) A hive
 - c) A colony
 - d) A nest
4. Who lays eggs in a bee colony?
 - a) The worker bees
 - b) The drone bees
 - c) The queen bee
 - d) The baby bees
5. What do worker bees collect from flowers?
 - a) Honey
 - b) Nectar and pollen
 - c) Leaves
 - d) Water

6. What do bees turn nectar into?
 - a) Wax
 - b) Pollen
 - c) Honey
 - d) Sugar
7. Why do bees make honey?
 - a) To sell it
 - b) To eat during winter
 - c) To feed other animals
 - d) To store it in the ground
8. What do bees use to collect nectar?
 - a) Their wings
 - b) Their legs
 - c) Their tongues
 - d) Their eyes
9. Why are bees important for our environment?
 - a) They make noise
 - b) They make honey
 - c) They help plants produce fruits and seeds
 - d) They scare away other insects
10. How can we help bees?
 - a) By taking their honey
 - b) By protecting their habitats
 - c) By catching them
 - d) By feeding them sugar

Answers and Explanations

1. **c) Produce fruits and seeds**

Explanation: Bees help plants produce fruits and seeds by carrying pollen from one flower to another.

2. **a) Pollination**

Explanation: The process of bees carrying pollen from one flower to another is called pollination.

3. **c) A colony**

Explanation: A group of bees living together is called a colony.

4. **c) The queen bee**

Explanation: In a bee colony, the queen bee is the one who lays eggs.

5. **b) Nectar and pollen**

Explanation: Worker bees collect nectar and pollen from flowers.

6. **c) Honey**

Explanation: Bees turn nectar into honey.

7. **b) To eat during winter**

Explanation: Bees make honey to have food during the winter when there are no flowers.

8. **c) Their tongues**

Explanation: Bees use their long tongues to collect nectar from flowers.

9. **c) They help plants produce fruits and seeds**

Explanation: Bees are important for our environment because they help plants produce fruits and seeds.

10. **b) By protecting their habitats**

Explanation: We can help bees by protecting their habitats to ensure they have a safe place to live and work.