

## Chapter-5

### Topic: Common Insects

Month: August

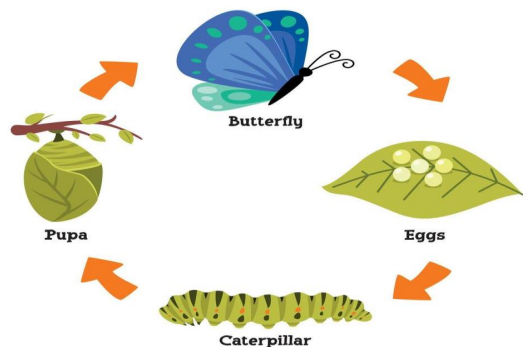
GRADE:3

Subject: Science

#### I. New words

1. Insects
2. Antennae
3. Moulting
4. Caterpillar
5. Cocoon
6. Pupa
7. Abdomen
8. Thorax
9. Mosquitoes
10. Butterfly

#### II. Draw and label the life cycle of a butterfly.



#### III. Short answer questions:

**Q1. Name the different parts of an insects body?**

**Ans:** Insects have three major parts:

1. Head
2. Thorax
3. Abdomen.

**Q2: Where do honeybees live?**

**Ans:** Honeybees live in a place called hive.

**Q3. How many legs and wings does an insects have?**

**Ans:** Insects usually have six legs and two wings.

**Q4. Why should we keep our home and surroundings clean?**

**Ans:** Keeping our home and surrounding clean help us stay healthy and prevents sickness.

**Q5. Why does an insect have antennae on its head?**

**Ans:** Insects use their antennas to sense things around them, like finding food or avoiding danger.

**Q6. A honeybee can be useful as well as harmful. Justify the statement.**

**Ans:** Honeybees are useful because they make honey and help plants by pollinating. Sometimes, they can be harmful if they feel threatened and sting us.

#### **IV. Long answer questions:**

**Q1. List four harmful insects and mention how they are harmful to us.**

**Ans:** Some of the harmful insects are:

1. Locusts: They destroy our food crops.
2. Mosquitoes: They can spread diseases like malaria and dengue fever through their bites.
- 3 Termites: - They damage wooden structure and furniture.
4. Lice: They live on our head and suck blood from our scalp.

**Q2. How many types of honey bees are there? Briefly write the function of each.**

**Ans:** There are three main types of honey bees: -

1. Queen Bee - The leader of the hive, responsible for laying eggs.
2. Workers Bee: -They build honey combs, clean and protect the hive.
3. Drone bee: It mates with the queen bee and dies immediately.

**Q3 Describe the life cycle of a butterfly.**

**Ans:** Butterfly life cycle has four stages.

1. Eggs: The female butterfly lays eggs in a cluster on the upper surface of a leaf.

2. **Caterpillar:** Each egg hatches into a larva that looks like a worm. It is called a caterpillar. It eats leaves and grows quickly.
3. **Pupa:** It forms a protective covering around its body. It is called a cocoon. At this stage, it is called pupa.
4. **Adult (Butterfly):** Inside the pupa, the caterpillar slowly changes its shape. After sometime, the pupa burst and an adult butterfly comes out of it.

**Q4. State four ways of getting rid of unwanted insects home.**

**Ans:** Getting rid of unwanted insects at home are as follows:

- 1) Have a proper drainage system at home.
- 2) Keep food items covered.
- 3) Sweep and mop the floor daily.
- 4) Use naphthalene balls or dry neem leaves to protect clothes from moths.

**Q5. Insects are the most successful animals on the earth. Analyse the reason with suitable features.**

**Ans:** Insects are successful animal on the earth because they have the following features:

- 1) **Flight:** - Enables them to explore new environment.
- 2) **Hard Exoskeleton:** - Provides protection and support.
- 3) **Small size:** - Allows for efficient use of resources.
- 4) **Metamorphosis:** - Allows different life stages for various ecological roles.

**Teacher Signature**

**Principal Signature**

