

## Gait of a Cockroach

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In the previous segment, we acquired knowledge about **The gait of a snail**. In this segment, we will study The gait of a cockroach.

### What is a Cockroach?

Cockroach is an insect that is the most commonly found pest in houses. They have three pairs of legs and two pairs of wings.

### What is the Body structure of a cockroach?

The body of a cockroach is divided into three major parts: The head, the thorax, and the abdomen.

#### ● Head

The top part of the body is the head which has a pair of antennae.

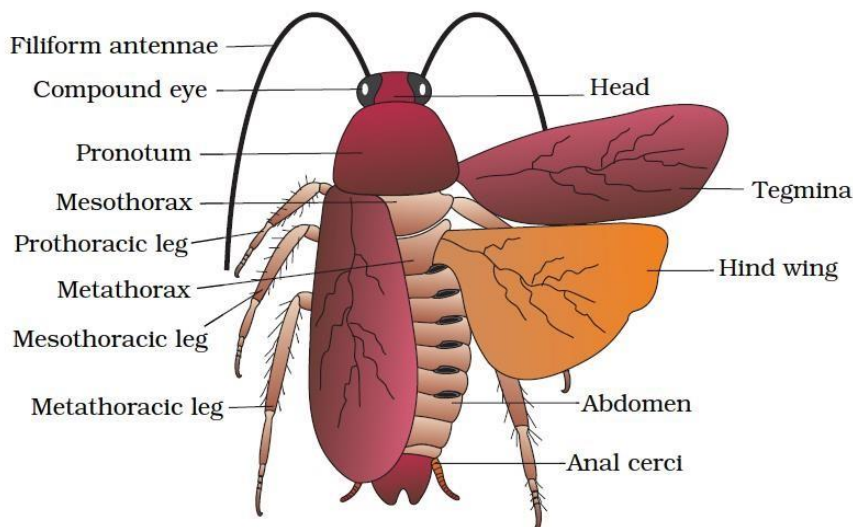
#### ● Thorax

Middle section of the body of the cockroach. It is further divided into three parts.

- **Prothorax** - The first pair of appendages are attached to this part.
- **Mesothorax** - The second pair of appendages and the first pair of wings are attached to this part. This pair of forewings are leathery in nature and are called **Mesothoracic Wings**. These wings are to protect the hindwings.
- **Metathorax** - The third pair of appendages and the second pair of wings are attached to it. This pair of hindwings are thin, soft, and membrane-like. Cockroaches can fly due to these hindwings.

#### ● Abdomen

The lower part of the body of the cockroach forms the abdomen.



Parts of a cockroach

The entire body of the cockroaches is covered with a hardcover known as **Exoskeleton**.

### How do cockroaches locomote?

#### (i) How do Cockroaches walk?

Cockroaches can walk, run, and climb with the help of their legs.

#### (ii) How do Cockroaches fly?

For flying, cockroaches use their hindwings.

### Summary

<b>Cockroach</b>	It is a winged insect.
<b>Different Body structures of cockroach</b>	Three major parts: <ul style="list-style-type: none"> <li>● <b>Head:</b> Top part that has the antennae.</li> <li>● <b>Thorax:</b> Middle part               <ul style="list-style-type: none"> <li>○ 3 pairs of legs and 2 pairs of wings are attached to it.</li> </ul> </li> <li>● <b>Abdomen:</b> The lower part.</li> </ul>
<b>Locomotion in Cockroaches</b>	<ul style="list-style-type: none"> <li>● <b>Walk</b> - With the help of legs.</li> <li>● <b>Fly</b> - With the help of hindwings.</li> </ul>

### Did you know?

Cockroaches can survive for a week without its head as they can breathe through their body segments.

### What's next?

In the next segment of Class 6 Science, we will learn about **The gait of a snake**.