

Bugs

Rose Inserra



PM

Bugs

Level 22

Running Words 798 Text Type Information Report

Curriculum Areas English (Literacy, Literature, Language); Science (Biological Sciences); Humanities (Geography)

Retelling to Encourage Critical Thinking About the Content

Ask each student to retell the information report in their own words. Record the retelling for further discussion and reflection.

Questions to Reinforce Meaning and Stimulate Discussion

Literal

- 1 Where can bugs live?
- 2 How many legs do bugs have?
- 3 Describe the special way bugs eat.

Inferential

- 4 Why do nymphs lose their outer covering?
- 5 How does camouflage help a leafhopper to stay safe?
- 6 When would a stink bug feel threatened?
- 7 Do you think cicadas like to live in a very cold climate? Why?
- 8 How is a giant water bug's short tube like a snorkel?

Applied Knowledge

- 9 What other animals moult and lose all or part of their outer covering?
- 10 What are some crops we eat that bugs might help farmers with?

Links with Other PM Guided Reading Books

Level 22	Information Report	<i>Butterflies and Moths</i>
Level 22	Information Report	<i>Bees and Wasps</i>
Level 22	Information Report	<i>Flies and Mosquitoes</i>
Level 22	Information Report	<i>Grasshoppers and Crickets</i>
Level 22	Information Report	<i>Beetles</i>



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What Are Bugs?

Bugs is the name for a special group of insects. It is one of the largest groups of insects in the world.

Some bugs live on land. They can live on the ground or on plants. Other bugs live in fresh water or seawater.

Bugs are the only kind of insects that can be found living on the surface of the ocean.



firebug



leafhopper



bedbug

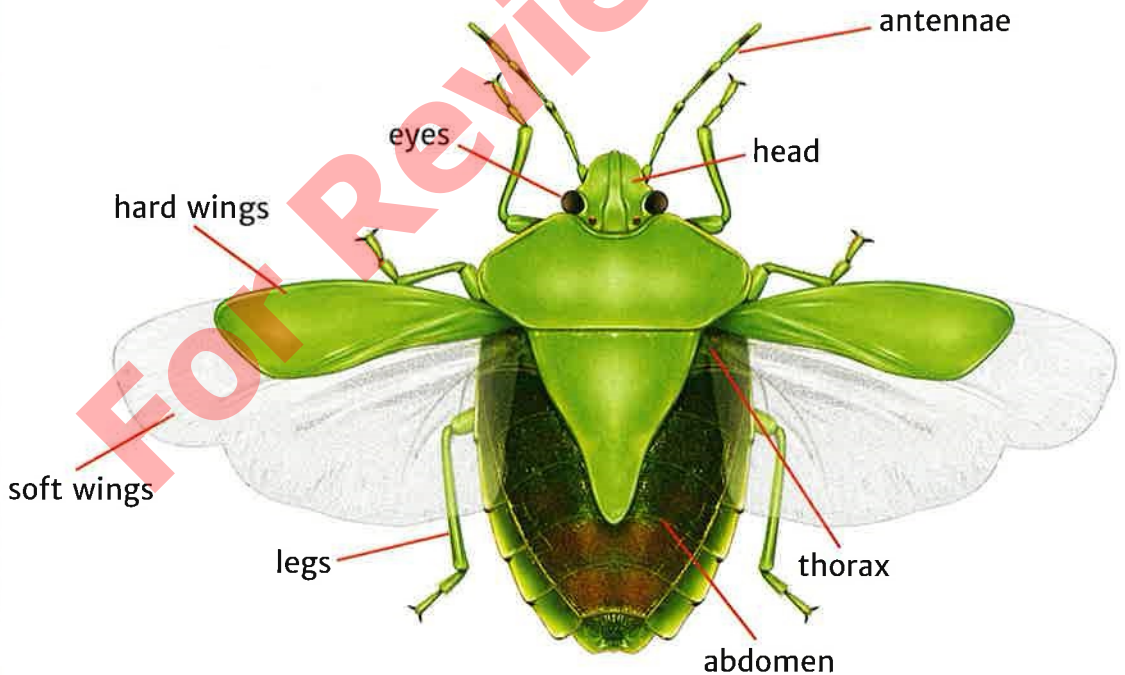


pond skater

Like all insects, bugs have:

- two **antennae** (say: *an-ten-ee*)
- a head
- a thorax
- an abdomen
- six legs.

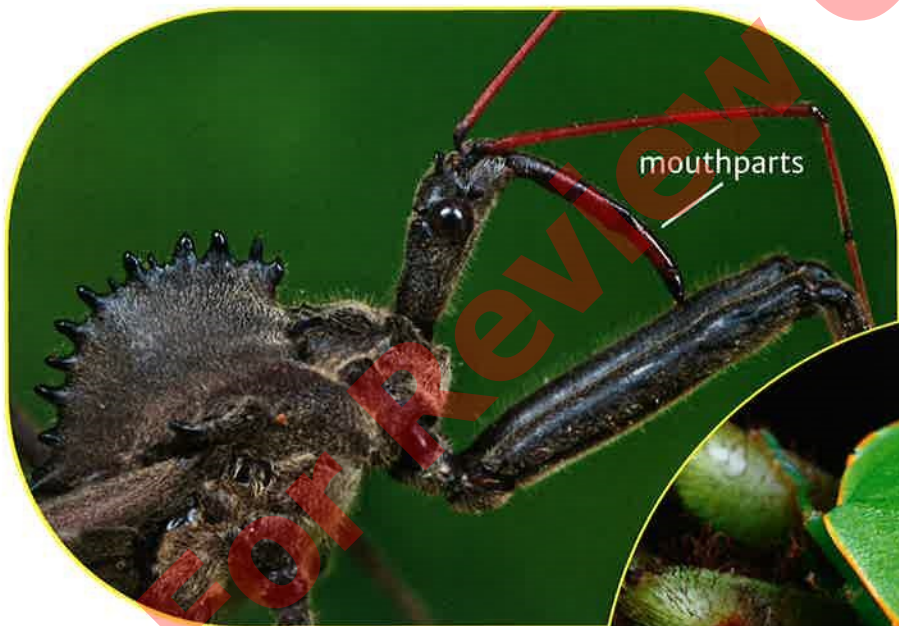
Most bugs have two sets of wings, **compound eyes** and tube-shaped mouthparts.



the parts of a stink bug

Bugs have a special way of eating.
They poke their tube-shaped mouthparts
into their food and suck the juices out.

Most bugs feed on plants.
Others suck the blood of mammals and birds.
Some bugs feed on other insects.



The Life Cycle of a Bug

Bugs grow in a number of **stages**.

For many bugs, the first stage is laying eggs.

They lay their eggs in soil or on plants.

Some lay their eggs above or below the surface of water.

Young bugs, called nymphs, hatch from the eggs.

Nymphs look like adult bugs,

but they are smaller and do not have wings.

Nymphs moult, which means they lose their outer covering several times before they are fully grown.

The nymphs can grow bigger each time they moult.

All bugs are insects, but not all insects are bugs!

The Life Cycle of a Firebug

