



# ANSWER SHEET



## Anatomy lesson

Carefully observe the butterflies in the greenhouse and then draw one. Be sure to include:

- All three parts of its body: the **head**, **thorax** and **abdomen**.
- **Both pairs of wings**. Look carefully to see which body part they're attached to. The thorax.
- **Its legs**. How many are there? 6.
- Its **antennae**. They come in different shapes. Choose your favourite.
- Its **proboscis**. Can you see the butterfly's mouth? Try to watch it, without disturbing it, while it is feeding.  
The butterflies feed on nectar from the flowers in the greenhouse, sometimes also on their pollen, and on the juice of ripe fruit set out on platters. They can also get some essential minerals from water.
- **Its eyes**. Do they look like yours, with a white area and a coloured circle?  
No. Butterflies and moths have compound eyes with a large number of immobile hexagonal facets, each one facing a different way. The image the insect sees is made up of all the images from the different facets. This is a very efficient system for detecting motion, and keeping an eye out for predators!

