## The City School

PAF Chapter, Junior Section

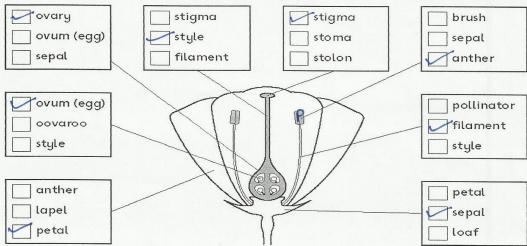


# Science Grade 5 (blog worksheet 2)

Q1. Answer these questions.

a. Seeds only need water and warmth to germinate. What other things do you think

- healthy plants need? multients, light and soil. b. What do you think sepals do? protects the flower before it opens.
  - c. Why do plants need insects to visit their flowers? For pollination
- Q2. Tick the boxes on the picture to show what each part is called.



a. Mark a 'P' on the picture to show where you think pollen is made.

**b.** Name two ways in which pollen can be carried from flower to flower.

, Wind

### ii Insects

c.

#### Complete the following sentences using words from the box.

When pollen is moved from one flower to another it is called pollination

Part of the pollen joins with the ovum. This is called <u>Levilisation</u>

After this a can form.

#### seed

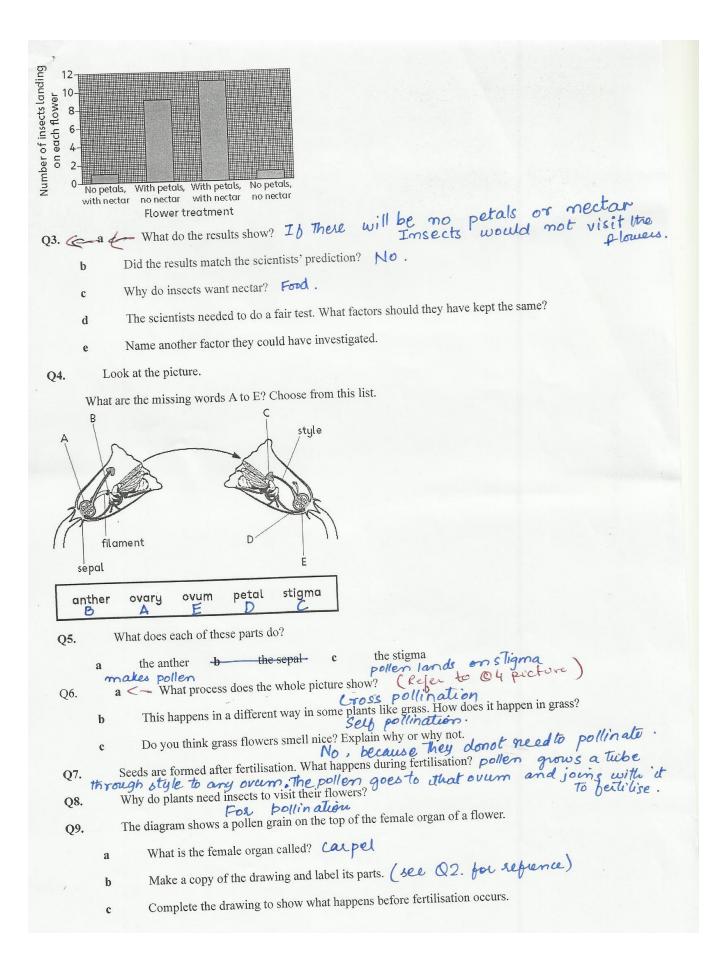
#### fertilisation ovary ovum pollination **Pollination and fertilisation**

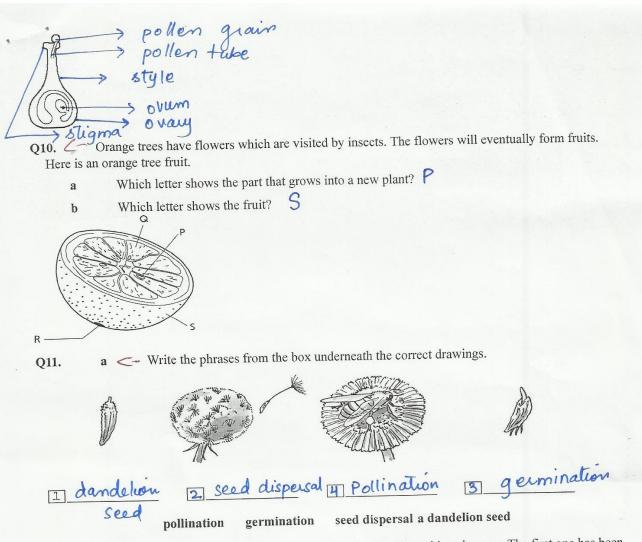
Plants that are pollinated by insects need to attract insects to their flowers. To do this they often have brightly coloured petals, have a smell and produce nectar for the insects to eat.

stigma

seed

Some scientists were trying to find out if insects were more attracted to petals or to nectar. Their prediction was that the amount of nectar in a flower was more important than the flower having petals. They removed the nectar from all the flowers and added fake nectar to some. They removed the petals of some flowers. The bar chart shows their results.





**b** *C* Write numbers in the boxes to show the order that these things happen. The first one has been done for you.

Q12. <- Fill in this table to compare orange trees and dandelion plants.

	Orange	Dandelion
Pollination by	inse	
Seed dispersal by	birds	wind