Science Week 10 - To describe the process of sexual reproduction in flowering plants.

Walk around the garden or whilst out for a walk, ask your child about flowers, see if they can name any parts of a flower. Also take note of the insects buzzing around and upon the flower and watch them closely. Discuss. Show labelled flower; (from powerpoint or resources) how many of these names did you remember?

• Describe in detail the parts of flowering plants and their functions.

• Flowering plants reproduce sexually. What does this mean? Do you remember how flowering plants reproduce? Discuss. Show explanations of sexual reproduction in plants and of the process of pollination and fertilisation. (powerpoint)

• Explain that today we will be labelling and describing the functions of the parts of flowering plants, focusing on how they reproduce.

Task:

Label a blank diagram of a flower using the word bank provided, then describe the function of the male stamen and female carpel in flowering plants.

The following flowers may be available in your garden: Lily, Foxglove, Sweet Pea, Snowdrop, Peony, Geranium All are well suited to the task below, as each part of the flower can be easily found and identified. Other flowers may also be suitable - check that those you use are safe, and have all of the parts found on a typical flower.

Provide child with a flower or flowers, the Dissecting Flowers sheet, tweezers and double-sided sticky tape.

Explain that children are to carefully dissect their flower, starting on the outside with the sepals and working their way in to the centre of the flower.

Draw and label the parts carefully

Extend: Compare with a different flower taking note of the differences and similarities.