**Observations of a plant (Answers)**

Record what you observed.

*hose*

*It’s our vegetable garden. Those are the plants and the sun and the hose. The soil has food for the plants and we hose them to give them water. The sun helps them grow. Sometimes we give them compost.*

*If we didn’t water them and it didn’t rain they would die.*

*A scientist would observe the plants to see they look healthy or bent over and brown; Mum reads her gardening book sometimes. They might draw the plants, write things down and take photos. They might ask other scientists for their ideas.*

* Tell me about your drawing.

Identifying items included in their drawing, e.g. plant, water source, soil, garden or pot, sun.

* How does this environment provide for the needs of the plant?

The soil has food for the plant; we use the hose to give the plant water and sometimes it might rain; the plant needs water and sun to grow and stay alive; the garden/pot is a space for the plant to grow.

* What could change in the environment? (What might happen if …?) How might this affect the plant?

There could be no water and the plant would get sick or die. We could add fertiliser and dig up the soil to make the plant healthier.

* What would a scientist do to find out if the needs of the plant were being met? How would they know if the needs were being met?

Scientists would observe the plant, look at its leaves, see if it looks healthy or bent over and brown, look in books to see pictures of healthy plants. Make drawings, write things down and take photos. They might ask other scientists for their ideas.