



Ash/ Mars Science Home Learning Grid



Science 1



LO: to record what we know and what we want to find out about plants.

Our science topic this term is plants. In our first session we are going to record what we already know about plants and what we want to find out.

Work through the session 1 Powerpoint and discuss the question prompts.

Then complete the 'what I know', 'what I want to know' and 'how I will find out' sections of the activity sheet.

Something easier: An adult can scribe for you if needed.

Science 2

LO: to know what a plant is and name the key parts.

Work through the session 2 Powerpoint. What common plants do you know? Can you name them? Can you name the parts of a plant? (root, stem, leaf, flower).

Sketch/ paint a flower and label the parts.

Something harder: Do you know the function of each part of a plant? Use Espresso to find out more. Write a sentence to explain the function of a root, stem, leaf and flower.

Science 3

LO: to investigate what plants need to grow.

Work through the session 3 Powerpoint. Encourage your child to think about how they might investigate what plants need to grow.

How might they investigate? What resources will be needed? What do they think will happen if there is light/ no light? Soil/ no soil? Water/ no water?

Ask your child to design a simple investigation and set it up. Use the recording sheet to record what you are going to do.

Discuss how you might record your findings (See recording template).

Science 4

Observe your seeds/ plants each day. What do you notice? How can you record what you are observing? What does it tell you about what plants need to grow?

Answer the following questions in full sentences:

- 1) What happens when plants have no water?
- 2) What happens if plants have no light?
- 3) What do plants need to grow and how do you know?

Something easier: an adult can scribe your responses or record your ideas in a video for Tapestry.



