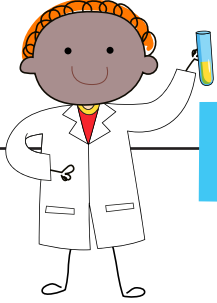




Name Date

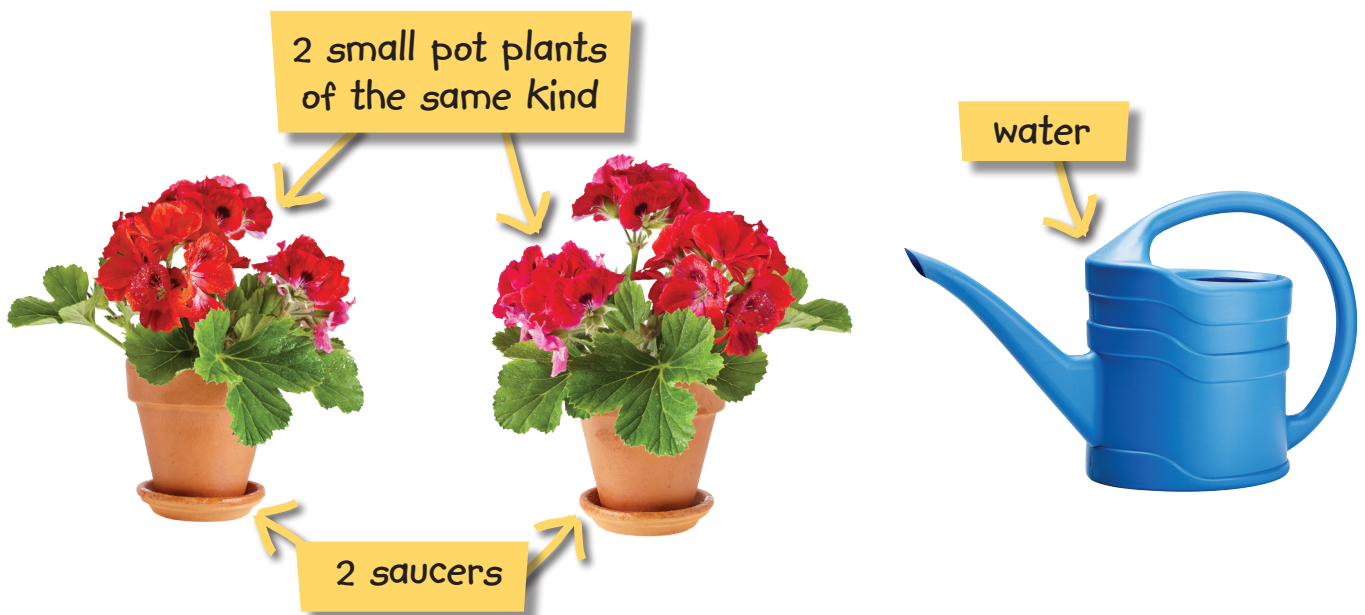


Plants and Sunlight Experiment

A plant needs sunlight to make food inside its leaves. It also needs sunlight to make a green substance called chlorophyll. It's chlorophyll that gives a plant its green colour.

What happens if a plant cannot get enough sunlight?

Gather your equipment:



1. Stand each plant in a saucer to catch any water.
2. Place one plant in a dark cupboard.
Place the other plant on a sunny windowsill.



Name Date

What do you think will happen to the plant in the cupboard? Write down your ideas.

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3. Water the plants to keep their soil moist. Make sure you give both plants the same amount of water.

4. After one week compare the plants.

What do you observe about the plant that's in the cupboard?

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5. Put the plant back in the cupboard. After two weeks, compare the plants again.

What do you observe is happening now? Does this match your ideas at the start of the investigation?

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Name Date

Draw a leaf from each plant. How are they different?



Answer: The plant in the dark cupboard will not be as healthy as the window sill plant because it cannot make food without sunlight. The plant's leaves will eventually lose their green colour, too. This is because they will stop producing green chlorophyll.