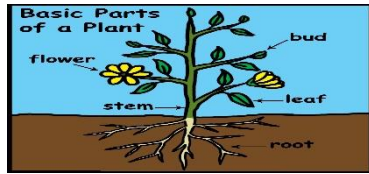


Science Tasks for Home Learning



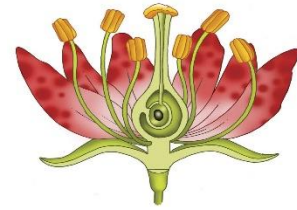
Show your child a selection of house plants. Name the different parts and their functions. Next draw the plant, label the different parts and write a description for each.

Challenge: Can you create your own job description for each part of the plant?



Why not try caring for a plant at home or in the garden? Maybe you could have a go at growing a plant from a seed! Try a bean or sunflower seed. You should keep a record of your plant, draw pictures and describe the changes that may occur.

Challenge: Can you use your imagination to design your own plant? Think about where it lives and how it survives.



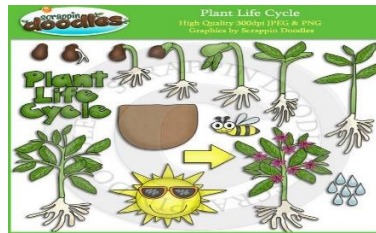
Give your child a flower. Help them to dissect it carefully, separating it into the different parts. Draw the parts into your 'everything book' Next, using the internet or a book, name the different parts.

Challenge: Can you write an explanation for each parts job?

Become a mini professor for a day!

1. Buy some bright white flowers such as carnations, chrysanthemums or gerberas and cut the stems to equal length
2. Fill cups of the same size with 100ml water and add 3 teaspoons of dark food dye.
3. Place the cups in places with different temperatures (e.g. over a heater, normal room temperature, a fridge)
4. Predict what you think might happen and say why.
5. On an hourly basis record what happens.

Challenge: Can you use a book/the internet to write facts about the function of the stem?



Can you create a flowering plant display poster?

Use the link below to magpie some ideas.

Handy hints:

1. Make your poster as colourful as possible.
2. Include technical text, diagrams and a fact box.
3. Show rather than tell.

<https://www.twinkl.co.uk/resource/t2-s-417-flowering-plant-life-cycle-display-poster>

Challenge: Using what you have found out, create a quiz to test your friends and family.

Escaping water

Water can certainly move in mysterious ways, get the water from one cup to make its way up hill and back down into a second empty cup with the help of paper towels and an interesting scientific process called 'capillary action'

You will need:

- A glass of water
- An empty glass
- Some paper towels

Instructions:

1. Twist a couple of pieces of paper towel together until it forms something that looks a little like a piece of rope, this will be the 'wick' that will absorb and transfer the water
2. Place one end of the paper towels into the glass filled with water and the other into the empty glass.

Challenge: In your own words can you record what happens?