

## Year 3 - Science

### PLANTS

#### Topic Tasks for Home Learning

#### Week beginning 11<sup>TH</sup> May

#### Please Begin Here

This week, we will continue our learning on Plants. This is the 2<sup>nd</sup> topic sheet for this topic. I will only set 4 topic tasks for this week which gives a day for you to catch up on any topic learning from last week. Alternatively, you could do some of the fun activities from last week.

If you were able to do last Thursday's task -either the investigation or the growing plants task, please remember to make observations, take measurements and record what you notice on the chart you set up last Thursday, or on the worksheet for the investigation.

Your English writing this week is based upon Task 1 - Monday's lesson so try to do this first and watch the video - Episode 2, part 1. I have shown you the experiment in task 1 here as I know some of you may be finding the internet tricky at the moment. I have also attached some PowerPoints which may help you too if the internet is still being tricky.

😊 Have fun! 😊

Remember to check on your plant, make observations and fill in your table from last week (see previous Thursday's lesson).

#### TASK 1

#### Monday 11<sup>th</sup> May

#### How is water transported in plants?

Read through the attached PowerPoint to see how water is transported through plants. If you can ask your family to join in, you can make a human model of how water is transported as suggested on slide 4. You only need to read up to page 10.

Watch the following YouTube clip of this experiment:

<https://www.youtube.com/watch?v=KV4YuzuXpjQ>

After watching talk about:

- Were your predictions correct?
- What were the changes before and after?
- Which parts of the plant are working?
- What does this tell us about the needs of a plant?

#### Now watch this video link:

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-how-does-water-get-from-the-roots-to-the-leaves/zdtfjhw>

In your homework book, please draw a diagram and label this to show the experiment set up. Your English work this week will be about writing up this scientific experiment.

If you want to try this experiment and you have some white flowers try standing some white flowers in plain tap water and stand some flowers in tap water which has food colouring in it. I found red food colouring worked the best. Observe what happens to the flower's petals over time.



Remember to check on your plant, make observations and fill in your table from last week (see previous Thursday's lesson).

### Task 2

#### What part do flowers play in the life cycle of flowering plants?

There is a PowerPoint attached with this week's topic learning 'Fantastic Flowers'- use slides 1-8 today. Try and look through this as it will help you understand lots about flowers.

Watch this clip if you can:

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-the-anatomy-of-the-flower/zjmhkmn>

1) A really good activity is to look really closely at a flower. How is it made up? Look at all the different parts of the flower - I bet you didn't think there were so many. Can you spot the different parts of the flower?

Why not dissect (carefully cut up) your flower and see if you can identify the different parts. There is a worksheet you can use to help you with this.

There is a paper flower for you to use instead if you can't get a real flower.

2) Either use the worksheet (choose \*, \*\* or \*\*\*) 'Parts of a flower' or draw your own labelled diagram of a flower in your book like the flower on slide 7. Write down what the different parts of the flower do - looking at the worksheet may help you.

Remember to check on your plant, make observations and fill in your table from last week (see previous Thursday's lesson).

### Task 3 - Art

I wonder if you can make some brilliant sketches of some flowers today. If you can find real flowers, this would be brilliant, but if you cannot, try to look at some photographs of flowers in a book or online. You may even have some flowering houseplants at home.

See if you can pay attention to detail - use of shading.

Or if you prefer you can paint a picture of a flower. This task is to be a detailed painting, looking closely at the colours and different shapes in the flower.

Remember to look at the flower or image and study the detail of this. The more you look at the flower, the more detailed your drawing or painting will be.

Enjoy being creative and having fun.



### TASK 4

The Good Growing Guide

What have you found out about what plants need to grow?

There is a PowerPoint included with this lesson.

You do not need to have completed the investigation, but make sure you chat with someone at home about what plants need to grow.

It may be helpful to re-watch the following link on Mrs. Ivy's plant shop where she didn't give the plants the things they needed.

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-what-do-plants-need-to-survive/zkw2gwx>

<https://www.bbc.co.uk/bitesize/clips/z9f87hv>

The challenge: Why not make your own TV clip on what plants need to grow. You can 'perform' this to your family or you can video record it if you would like to. You could even use some of the plants you have at home or even some of the ones you are growing.

There is a worksheet which may help you for ideas on this task - you do not need to fill in the workshop - it may just give you ideas for things to talk about. \* easy \*\* ok \*\*\*challenge.

Have fun movie makers!