

Cherwell Home Learning Activities 17.6.22

Below are ideas for Home Learning Activities in the next few weeks leading up to the Summer break. Our Wonderful World topic continues and in science we will be investigating plants and their needs.

Please select which activity or activities you would like to work on. You can choose one task or more. We would like to share at least one of your pieces of topic work so please bring into school for Friday 15th July.

Wonderful World Topic: Science - Plants and what they need to grow:

BBC Bitesize clips available at: <https://www.bbc.co.uk/bitesize/topics/zpxnyrd>

1. **Parts of a plant.** Investigate the activities from the link above on 'Parts of plants'. Make your own labelled diagram of a plant.
2. **Wild and Garden Plants.** See the link above on this topic and then make your own plant alphabet. See if you can find a plant for each letter of the alphabet. Remember that this can include trees, fruits and vegetables as well as flowering plants. You could show this in a poster or a book.
3. **What does a plant need to grow?** Explore the link above. Then plan and carry out a simple scientific test to find out what happens when you restrict one of the needs of a plant. For example, you could start with 3 seedlings such as a sunflower and place each plant in different degrees of light - one in a window sill in full sun, one in a dark cupboard and one in a shady place. Alternatively you could try to grow seeds in different substances such as soil, sand, grit etc. Record what you observe, this could be in a diary or perhaps in in PowerPoint.
4. **Do some gardening.** Perhaps you could have your own planter to grow some flowers or vegetables, or a small corner in your garden. A growbag would be equally as good. Take some photos of how your plants change. You could even take some measurements.

Art - Plants

1. **Collect some leaves and use them to make a design.** You could use leaf printing or a leaf rubbing. *Make sure an adult checks which leaves you pick.
2. **Find a famous piece of art based on plants** (or one that you just like), such as Van Gogh's famous painting of sunflowers. Spend time looking at it really carefully, especially the colours, lines and shapes used. When you are ready, make your own piece of art based on this. For example, you may keep the lines and shapes very similar but try out different colours; or keep the colours the same and change the shapes of the flowers. You could make a picture or a 3D representation.

Computing

This term we are working with Scratch Junior (<https://www.scratchjr.org/>). For a brief description of the programme you can watch this video <https://www.youtube.com/watch?v=ciWPaEgscr0> . It would be great if you could download the Scratch Jr app onto a tablet or phone and then have a go at some of the following activities.

1. <https://www.scratchjr.org/teach/activities> - you could have a go at one of these activities from the Scratch Jr website.
2. Use the app to try out one or more of these -

Can you add five matching sprite characters, making each one a different colour?



Can you use the background paint editor to create a new background with grass and flowers?

