



Home Learning Challenges

These home learning challenges are for you to complete whilst the school moves to home learning for two days over the G7 summit. The challenges are designed to be as 'screen free' as possible. Please bring any home learning completed into school on Monday so it can be shared with teachers and the rest of the class.

Name:	
Class:	Morvah



Write and perform a speech that conveys your vision of the future, perhaps aimed at world leaders who are best placed to make that imagined future a reality. This speech could be performed on video, recorded as audio to be added as a voiceover to the video, or submitted as a written article.	Consider the deep themes of the current climate crisis and the emotions or reflections that it inspires in the form of a poem. Look at some poems that have been written and performed by poets, such as Benjamin Zephaniah and Kate Tempest, as inspiration.
Complete a wildlife study in your garden. First, find out what sort of wildlife visits your garden by observing your chosen area or creature. Present your observations in a table or a graph. Create a poster/information book about your chosen creature/habitat. You might also choose to support your chosen creature by creating a shelter/sharing some food.	What is a carbon footprint? List 5 ways that you could reduce yours. Select one of these ways and write an action plan to explain how you intend to use this to reduce your carbon footprint.
Design and create a recycled self-watering device to ensure the survival of your indoor plants – see overleaf for ideas.	Create a poster to suggest ways that we could make our school a more sustainable environment – composting, cycling to school, switching off lights, growing our own fruit and vegetables etc.
Create a collage style piece of artwork inspired by the environment – try to include recycled materials from around your house.	Create a list of everyday problems which hinder eco-friendly living and suggest solutions for each – single use plastics could be replaced with reusable options.

Step by step

- 1** Remove the lid from an empty plastic bottle.
- 2** Make a hole in the lid using sharp scissors or a palm drill (an adult may need to do this).
- 3** Cut strips of dishwashing, absorbent cloth.
- 4** Push one end of the cloth strip into the hole in the lid, pull half the material through.
- 5** Cut the bottle in half (an adult may need to do this).
- 6** Put the lid back on, coil the excess material into the 'top' half.
- 7** Fill the 'top' half with multipurpose compost, covering the dishcloth material.
- 8** Stand the up-turned, cut-off 'top' into the 'bottom' half of the bottle.
- 9** Water the compost well.
- 10** Make a hole in the centre of the compost and place your chosen plant in, press in extra compost to make it feel firm.
- 11** Pour water into the lower part of the bottle and make sure that the absorbent cloth can reach it.

Essential background information

Water transportation in plants >



Preparation

Look at plants growing in pots indoors, what requirements do they have in order to grow well?

Investigate [water transportation in plants](#) and discover how we can observe this in action using this self watering device!