

Origami plant pot

Overview:

Make your own paper plant pot using a simple origami technique. This activity forms part of the wildflower planting make and take activity for children and adults. It encourages participants to make easy biodegradable plant pots.

How it works:



Step 1 - If you are using a large newspaper, rip it in half. Turn the piece of newspaper so the long side is facing you.



Step 2 - Fold it in half, left to right.



Step 3 - Fold it again, bottom to top into a quarter size.



Step 4 - Fold it in half again, left to right.



Step 5 - Now fold the bottom right corner up to the middle along the spine.





Step 6 - Flip it over onto the other side and repeat the same steps from Step 5.



Step 9 - Fold them in again.



Step 7 - Open the wings up to make a smooth shape like this. Do this on both sides.



Step 10 - Flip it over and repeat Steps 8 and 9. It should look like this when you are done.



Step 11 - Fold the top flaps down and crease them well.



Step 8 - Fold the wings in to the crease in the centre.





Step 12 - Now you can open up your pot!
Make sure to square the bottom so it can sit well.

If you don't like the ears on your pot, you can fold them into the pot. When you fill it with soil, it will keep them locked in place.

How does this relate to NERC science?

Most plant pots available today are made of plastic which does not biodegrade. Using organic material such as newspaper helps prevent more plastic pollution (see ocean plastics).

Key take home messages:

- By reusing existing materials within your home you can create an environmentally friendly item that can help you conduct your own research.

Maintenance and troubleshooting

Problem - Plant pots falling apart.

Possible Causes

A missed step during folding.

Possible Solutions

Try again carefully following each step.



Wildflower meadows are important habitats that provide insects with a diverse source of food and shelter

