





Newspaper Pots

Learning Outcomes:

KS1

- Distinguish between an object and the material from which it is made.
 - Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
 - Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
 - They should think about the properties of materials that make them suitable or unsuitable for particular purposes and they should be encouraged to think about unusual and creative uses for everyday materials.
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Today, we'll explore sustainable gardening practices while engaging in a fun and educational project: making biodegradable plant pots.

By creating our own pots using eco-friendly materials, we'll learn about the importance of reducing waste and caring for the environment. Plus, we'll have the satisfaction of knowing that our pots will naturally break down in the soil, benefiting the plants we grow.

So, let's dive into this hands-on experience, where we'll combine craftsmanship with green gardening principles. Get ready to unleash your creativity and discover the educational value of sustainable gardening as we sow the seeds of knowledge together!

Contents Included:

- Bio Degradable Paper Pot Maker x 6
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Contents not Included:

- Newspaper, encourage students to bring in a sheet of newspaper from home



Newspaper Pots

Instructions:

1. Let's start by discussing what it means for a material to be biodegradable. Ask the class to come up with examples of biodegradable materials and emphasise the importance of sustainability. Introduce paper as a fantastic biodegradable material and explain its benefits for making plant pots. It is natural and biodegrades in the soil so doesn't even need the pot removing when planted outdoors in a flower bed. Also explain why paper would not be a good plant pot choice long term for when the plant grows bigger, as paper isn't as strong or long lasting as some other material choices.
 2. Engage the class in a conversation about using recycled newspaper instead of new paper. Highlight the significance of reducing waste and reusing materials whenever possible.
 3. Distribute a strip of newspaper to each student, ensuring they have a piece measuring 60cm x 10cm. You can either precut the strips or have the children cut them during the lesson.
 4. Provide each group with a paper pot maker. Since we're making larger pots today, they will only need the larger middle and bottom pieces of the pot maker.
 5. Instruct the students to wrap the paper loosely around the cylinder pot maker, making sure to leave a 4cm length of excess paper at the bottom. Encourage them to fold this excess over to form the base of the pot.
 6. Guide them to press the base into the largest pot maker piece, giving it a gentle twist to secure it in place. Once the pot is secured, they can carefully remove it from the pot maker.
 7. Congratulations! The students have successfully created their own biodegradable paper pots, ready to be used for our upcoming cress growing activity.
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Vocabulary: Biodegradable, sustainability, recycled, plant pot, newspaper, base, cylinder, excess, fold, secure.