

From Your Balcony to the Green Future



Making Agricultural Tools from Waste Materials

Presented by Shelter International e.V.



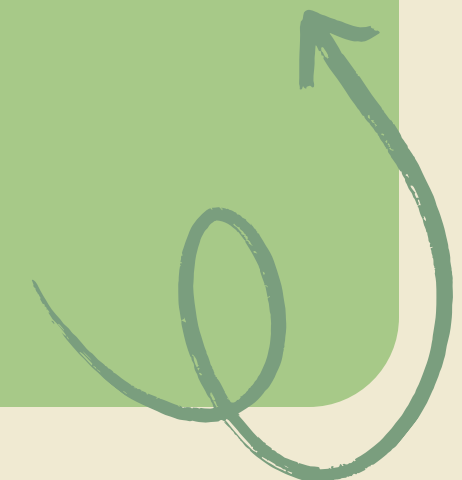
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Sustainable Gardening Tools

Importance of Recycled Materials in Gardening

Utilizing recycled materials for DIY gardening tools significantly reduces waste and promotes sustainability. It empowers individuals to engage in gardening while minimizing environmental impact and encouraging resourcefulness.



Philosophy of Waste Reduction

Embracing Sustainability in Gardening Practices

- Reduces environmental impact by repurposing materials
- Saves money on gardening supplies
- Encourages creativity and problem-solving
- Supports circular economy principles



Environmental Impact

Benefits of Repurposing Waste Materials

Repurposing common household items reduces waste, conserves resources, and lowers the carbon footprint. Embracing a circular economy fosters sustainability, encouraging creativity in gardening while promoting environmental awareness.



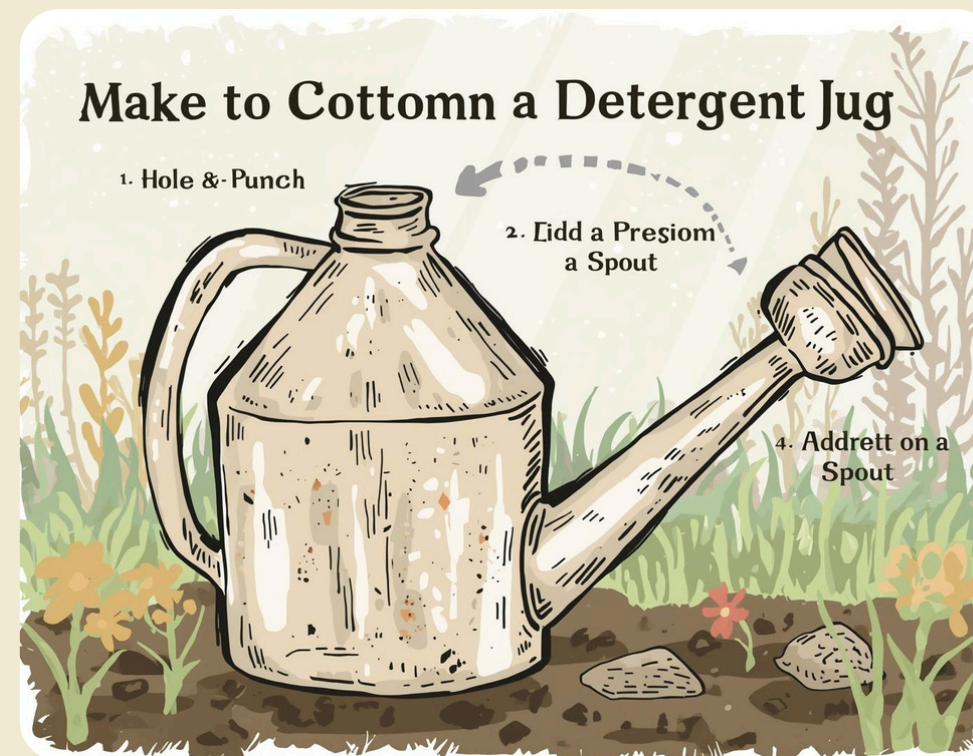
DIY Watering Can

Upcycled Watering Can



Transform a **detergent jug** into a practical watering can for easy balcony gardening.

Creative Use



Learn to creatively **reuse** household items, reducing waste while enhancing your garden's health.

Benefits



Enjoy the **environmental** benefits of reusing materials while nurturing your balcony plants effectively.

DIY Seed Starter Pots



[Watch video on YouTube](#)
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Easy Steps



Transform toilet paper rolls into **eco-friendly seed starter pots** for your garden.

Simple Process



Fill the rolls with soil, ensuring **proper drainage** for healthy seed growth.

Transplanting Benefits



Seedlings can be **transplanted easily**, as the rolls decompose in the soil.

DIY Plastic Bottle Planters

Window Planter



Create a simple window planter using a **plastic bottle** to grow small herbs or flowers.

Hanging Planter



Transform a bottle into a **hanging planter** to maximize space and enhance your balcony garden.

Benefits



Using recycled bottles reduces waste while providing **creative solutions** for your gardening needs.

DIY Tin Can Planters

Preparation



Start by **cleaning and removing** labels from used tin cans for planting.

Painting



Decorate your cans with **non-toxic paint** to make them visually appealing for your garden.

Planting



Fill the cans with soil, then **plant seeds** or seedlings to create beautiful planters.

DIY Seed Storage

Spice Jars



Spice jars are perfect for **storing and organizing** seeds, keeping them dry and visible.

Moisture Control



Adding **moisture control packets** in jars prevents seed spoilage and ensures long-term storage viability.

Easy Labeling



Clear labels help **identify seeds easily**, promoting effective garden planning and organization.

Mini Greenhouse

Cutting Bottles



Carefully cut the plastic bottle to create a protective cover for your seedlings.

Ventilation Holes



Make ventilation holes in the bottle to ensure proper air circulation for plants.

Placement Over Seedlings



Place the mini greenhouse over seedlings to protect them from frost and harsh weather.

Benefits of Recycled Gardening Tools

- Reduces waste and promotes a sustainable lifestyle
- Saves money by reusing common household materials
- Enhances creativity and problem-solving in gardening projects
- Supports local biodiversity through eco-friendly practices
- Customizable tools to fit individual gardening needs





Homework Assignment for Day 2

Before next session (Tuesday, November 11):

1. Collect Materials:

- Save 2-3 plastic bottles (1-2 liter size)
- Collect 4-6 toilet paper tubes
- Clean 2-3 tin cans of various sizes
- Keep 1 plastic detergent jug



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