



<p>ACTIVITY NAME</p>	<p>Transform Plastic Bottles into Plastic Bottle Planters</p> 
<p>LEARNING OBJECTIVES</p>	<ul style="list-style-type: none"> • Understanding the environmental impact of plastic waste and the importance of upcycling. • Learning how to safely cut and manipulate plastic bottles. • Developing basic weaving techniques to create plastic bottle planters. • Exploring different methods for decorating and finishing the planters. • Gaining an appreciation for the creative potential of upcycled materials.
<p>TRAINING METHOD(S)</p>	<ul style="list-style-type: none"> • Demonstration: The instructor demonstrates each step of the process, and participants follow along. • Hands-on practice: Participants get the opportunity to practice each step of the process on their own bottles. This is a fantastic technique to reinforce learning and ensure that everyone understands the procedure. • Group work: To finish the assignment, participants work in small groups. This can be an effective way to promote teamwork and problem-solving abilities. • Troubleshooting: The instructor gives time for participants to ask questions and troubleshoot any problems they encounter. This is vital for ensuring that everyone is successful in completing the job.

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TIME/ DURATION	<ul style="list-style-type: none"> • 2 hours - from 12:00 to 14:00
GROUP SIZE	<ul style="list-style-type: none"> • Between 10 and 15 participants
SETUP (ENVIRONMENT) & NECESSARY TOOLS	<p>Essential Materials:</p> <ul style="list-style-type: none"> • Plastic bottles: Collect a variety of sizes and colors for a unique look. Opt for PET (polyethylene terephthalate) or HDPE (high-density polyethylene) as they are safe and easy to manipulate. • Scissors: Sharp, sturdy scissors are necessary for cutting the bottles. Consider safety scissors for inexperienced participants. • Utility knife: For more intricate cuts and detailed shapes. Handle with caution and provide proper instructions for safe use. • Awl or punch tool: Creates holes for weaving the bottle strips. Choose an awl for a safer option, especially with younger participants. • Fishing line, string or hemp: Provides support and allows the planters to be fixed and hung somewhere in space. Choose a strong and durable type that can hold the weight of the planter especially with the soil inside. • Tape (optional): Can be used to reinforce connections or adhere embellishments. Choose a type suitable for plastics like hot glue or duct tape. <p>Additional Tools:</p> <ul style="list-style-type: none"> • Rulers and markers: For marking measurements and cutting lines. • Cutting mat: Protects surfaces from accidental cuts. • Gloves: Provides protection from sharp edges and potential debris. • Pliers: May be helpful for manipulating wire or attaching light fixtures. • Spray paint or acrylic paints: Add a customized touch to the planters. Ensure proper ventilation during painting and use appropriate masks for safety. • Embellishments (optional): Beads, ribbons, glitter, etc. can add personalization and style to the finished lamps. • Safety Considerations: Sharp tools: Provide clear instructions on safe handling and supervise participants, especially when using knives and awls.





<p>DESCRIPTION</p>	<p>Step 1: Wash and dry the bottles thoroughly. Remove labels and caps.</p> <p>Step 2: Using a utility knife, carefully cut the plastic bottle in half or about 1/3 of the way from the bottom.</p> <p>Step 3: Using a paint brush, paint the bottle. Add multiple layers if necessary. Let dry. Using the scissors, make two small holes in the top of the bottle.</p> <p>Step 4: Thread the hemp or string through the two holes and tie them tightly to hang the planter.</p> <p>Step 5: Once you're done, fill them with compost, plant and water your seeds and place them in a warm sunny spot.</p> <p>*Get creative: (Optional) Personalize the planter with paint, glitter, ribbons, or other embellishments.</p>
<p>CONCERNS AND IMPLEMENTATION SUGGESTIONS</p>	<p>Group work and discussions: Encourage collaboration and interaction through group projects, brainstorming sessions, or facilitated discussions. This allows people to learn from each other and build connections.</p> <p>Networking opportunities: Provide dedicated time or designated spaces for participants to network and exchange information. This can be especially valuable for professional development workshops</p>
<p>TIPS for further reading & watching</p>	<p>Links for Inspiration:</p> <ul style="list-style-type: none"> • https://onelittleproject.com/plastic-bottle-planters/ • https://www.gousto.co.uk/blog/diy-plant-pots-from-plastic-waste • https://www.architectureartdesigns.com/15-diy-plastic-bottle-planters-that-you-havent-seen-before/ • https://www.magicbricks.com/blog/plastic-bottle-flower-pot-design/119548.html • https://housing.com/news/diy-plastic-bottle-planters-for-modern-homes/

