

# April - Packaging

## Low Tech - Step-By-Step Activity



**Calendar for  
Climate  
Change**

Quid-Pro-Guo - Inter-generational  
Education to Ease Global Warmi



# Step-by-Step Guide

<b>Climate Change Topic</b>	Packaging		
<b>High-tech or Low-tech?</b>	Low-tech		
<b>Duration of Activity (in minutes)</b>	<b>30 minute sessions over two months (5 minutes a day)</b>	<b>Learning Outcome</b>	<ul style="list-style-type: none"> <li>• Complete an upcycling project using unrecyclable packaging</li> <li>• Willingness to practice upcycling to reduce packaging waste</li> </ul>
<b>Materials Required for Activity</b>	<p>A mixture of unrecyclable packaging materials:</p> <ul style="list-style-type: none"> <li>• Coffee pods</li> <li>• Vegetable netting</li> <li>• Polystyrene</li> <li>• Large plastic containers</li> </ul> <p>Planter soil Gardening trowels Packets of herb seeds (thyme, basil, oregano, chives, parsley, rosemary)</p>		
<b>Step-by-step instructions</b>	<p><i>Repurposing unrecyclable materials may seem difficult at first – but this simple activity will allow you to repurpose quite a few materials that you cannot recycle, as well as grow your own herbs which helps to cut back on food waste!</i></p> <p><b>Week #1</b></p> <ul style="list-style-type: none"> <li>• Step 1: Take your old coffee pod and empty the used coffee grinds into a bowl (keep these for later!), and wash the coffee pots clean.</li> <li>• Step 2: Pierce three small holes into the bottom of the pod with a sewing needle.</li> <li>• Step 3: Take some planter soil and fill the pods two-thirds full.</li> <li>• Step 4: Sprinkle your herb seeds into the coffee pods, making sure to label which pod is which.</li> <li>• Step 5: Gently cover the herbs with a thin layer of soil, and water.</li> <li>• Step 6: Keep the coffee pods in a well-lit area, making sure to water whenever the soil is dry.</li> <li>• Step 7: Cover the plants with an old clear plastic bag to ensure a faster germination!</li> </ul> <p><b>Week #4</b></p> <ul style="list-style-type: none"> <li>• Step 1: Once the herbs have grown 10cm tall, you can transfer</li> </ul>		




them from the coffee pods to a larger pot.

- Step 2: To prepare your container for planting, clean it and pierce several holes into the base of the pot with a knife.
- Step 3: At the bottom of the pot, place some net vegetable or fruit packaging to place at the bottom of the pot. This will act as a filtration method for the water.
- Step 4: On top of the netting, place a handful of polystyrene peanuts. This acts as a second filtration method for the water.
  - If your polystyrene is not in small pieces, pull them apart into small chunks and place them into the pot.
- Step 5: Place enough planter soil on top of the polystyrene until the soil reach an inch from the rim of the pot.
- Step 6: Carefully remove the plant from the coffee pod and transfer them to the container, making sure to plant each herb in a different container.
  - Add more soil around the herbs if necessary.
- Step 7: Water well and gently secure some vegetable netting around the plant pot to ward off birds looking for a nibble!





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