



Design & Technology
Age 8-11

Recycled planters

- Gardening
- Sustainability



Learning
through
Landscapes

● Previous learning required

- An understanding of the value and importance of recycling
- An understanding of what elements need to be present to ensure successful plant growth

● Learning outcomes

- To design and create a vessel for plant growth using recycled materials

● Equipment

- Old containers, bottles, or cartons
- Paints, wool, and other craft materials for decoration
- Glue and scissors
- A mix of topsoil and seed compost
- A small amount of gravel
- Seeds or seedlings

● Activity

1. Give pupils time to discuss and plan a design for a planter made from recycled materials.
2. Ask them to select a suitable, clean container and make a wide enough space to fill the planter with soil.
3. Assist pupils in piercing the base several times to allow water to drain through.
4. Give pupils time to decorate their planter.
5. Fill the base of the planter with a small amount of gravel to help with drainage, then top up with a mixture of topsoil and seed compost.
6. Allow pupils to choose seeds or seedlings to plant in the soil and water well.

● Check for understanding

1. Ask pupils to identify what plants need to survive. How they are going to ensure that their seeds flourish?
2. Discuss the reasons for the pupils' chosen designs and materials. What benefits do they offer?



If you would like to develop your outdoor learning knowledge and skills, take a look at our range of training courses: l.tl.org.uk/outdoor-learning-training