

DT

Plant pots

Year 1

What I should already know

- The children will have previous experience of moulding and shaping through their use of playdough.
- The children will have some knowledge of materials products are made from.



Vocabulary

Firm	Having a solid structure.
Shape	Give a particular shape or form to.
Mould	Form out of a malleable material.
Design Criteria	Goals a project must achieve to be successful.
Material	The matter from which a thing is or can be made from.
Decorate	Make something look more attractive by adding extra items to it.
Product	An item that is the result of an action or process.
Evaluate	Make a judgement against a set design criteria.
Malleable	Easily influenced or shaped.
Purpose	The reason something is done or created.
Sculpt	Create or represent something by carving, casting, or other shaping techniques.

Technical Knowledge and skills

- Evaluate a range of existing products and state their likes and dislikes.
- Design a product for a particular purpose.
- Mould and shape a malleable material (clay) into a particular form.
- Use a range of tools (sculpting knives etc) to decorate and apply features to a product.
- Work safely and sensibly when working with a variety of materials and tools.
- Discuss their finished work and evaluate what could be improved.

Sticky Knowledge

Identify the key features of a plant pot including why it has a flat base.

Describe the basic properties of a range of different materials.

Recognise and discuss different ways they can make their plant pot more firm.

Describe what materials and tools they will need to make their plant pot.

Describe the steps they will need to take to make their plant pot.