

Y4: DT Mini Greenhouses

Background Information

This term, the children will be designing their own mini greenhouses, practising cutting techniques, and designing, making and evaluating their own mini greenhouses.



Design Inspiration

The children will begin by looking at the history of greenhouses; what they are used for, how does it help plants to grow and the different types of greenhouses you can get.

Design Process

The design process to make a seasonal stocking:

The children will start with exploring and analysing existing greenhouses focusing on their visual appearance and their function. The next step is that the children will practise cutting different materials accurately and using strengthening techniques. Discuss the design criteria as a class, the children will discuss what plants they are going to build them for. The next step will be to design their greenhouse, thinking how to make it visually appealing and how it can help plants to grow to the best of their abilities. Next, the children will follow their designs and instructions to make their mini greenhouse. Finally, the children will evaluate their product identifying their successes and how to improve their design for next time.

Technical knowledge

Practising and learning the different stitches and decorative techniques.

Aspirations and career links to DT: Builder, designer, gardener, construction

Vocabulary: constructing, measure, strengthen, protect, waterproof

