



Y1 Stable structures

DT KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY	
plan	A drawing to show how you are going to make something
stable	Firmly fixed, not likely to move or fall over
cut	Use scissors to cut the card to the correct shape
join	Use glue or tape to stick pieces of card together
decorate	Use paint or materials to make the box look like a stable
evaluate	Say what you think about your work and the work of others



Design development
<p>★ Research look at a range of existing stables to help them form their own design ideas. a plan is.</p> <ul style="list-style-type: none"> • Look at the plan and the photo. Do they look the same? Does the plan look like a photo? Children design their own structures using the displayed design as a basis for their own design. <p>Show children images of materials. Name the materials</p> <ul style="list-style-type: none"> • Think about the properties of the materials • Children choose which materials they need <ul style="list-style-type: none"> - For the structure - For the floor of the structure - For decoration - For the characters • Make the designs using the plans as a guide. <ul style="list-style-type: none"> - Cut the box - Paint or decorate the box - Add materials for the flooring - Make the characters - Decorate the characters <p>Test and evaluate the stable.</p> <ul style="list-style-type: none"> - Does it stand up - Do the characters stand up - Does it match the plan - What do we think of our finishes stable?

Key Skills (skills to practise and perform)
<ul style="list-style-type: none"> • Cut cardboard to make the shape required - hold scissors correctly and use them to cut the required shape • Paint or cover the card to decorate it so that it looks like a stable • Use a pencil to draw the characters for the stable • Cut out the characters • Make them stand (through choice of material or through the use of a stand)

Outcomes
A self standing stable containing self standing characters from the Nativity scene