



Design and Technology Topic Overview : Bird House Builders

Previous linked learning	I think I already know...	I would like to find out...
<p>Yr 1: Stable Structures I can explore a range of materials and evaluate the usefulness of their properties for a particular project. I can explore how to make stable structures that hold a given object.</p> <p>Yr 3: British inventors I can explain how concrete is used to make structures more stable. I can create a structure strong enough to hold a dictionary using just newspaper and tape.</p> <p>Y4: Making Greenhouses I can select appropriate tools and materials to make a mini greenhouse. I can use 3D nets to explore potential structures for a greenhouse, assessing their stability</p> <p>Yr 5: Building bridges I can test the strength of different beam shapes using paper and card. I can make an arch frame.</p>		

Investigate	construction
Bird houses	tools
Diagrams	product
Woodwork	prospective buyer
Specific	
Evaluate	
Predictions	
Promote	
Appearance	
Functions	
3-D diagrams	
Exploded diagrams	
Equipment	
Techniques	
Safety precautions	
requirements	

By the end of this unit, you will be able to...

- To investigate the purpose and appearance of bird houses.
- To investigate the materials and features of bird houses and how to draw diagrams.
- To investigate and practise woodwork skills.
- To be able to design a bird house for a specific bird.
- To be able to make a bird house by following a plan.
- To evaluate, make predictions and promote a completed bird house.

