

**Tier 3 Vocabulary**

<b>purpose</b>	A reason or intention
<b>design</b>	To draw something that could be built or made
<b>investigate</b>	Find out as much as possible about something
<b>stable</b>	Firm and steady
<b>properties</b>	Characteristics of a material
<b>strengthen</b>	To make something physically strong
<b>quality</b>	How good or bad something is
<b>reinforce</b>	To strengthen something
<b>functional</b>	Designed to work well
<b>evaluate</b>	To decide how good or valuable something is
<b>structure:</b>	Something that has been put together
<b>aesthetic</b>	Looks physically appealing
<b>analyse</b>	To examine something carefully in order to understand it.

**D&T skills**

**Design**

Describe the purpose of an object.  
Gather information about the user.  
Design a photo frame.

**Making**

Use a hacksaw safely.  
Safely use a glue gun.  
Accurately measure and mark pieces of wood .  
Accurately join pieces of wood together using a glue gun.  
Create and cut out a cardboard structure to stabilise the photo frame.

**Evaluating**

Evaluate the quality of the design.  
Evaluate ideas and products against original design.  
Identify the strengths and areas for development.

**Technical knowledge**

How to reinforce and strengthen a 3D structure.

**Key Facts**

Photo frame	Something to display a photograph
score	To crease a piece of paper so that it folds easily
Balsa wood	A very lightweight wood
hot glue gun,	A gun shaped device that ejects hot glue
hacksaw	A saw with a narrow, fine-toothed blade.
landscape	Printed matter that is positioned so it is wider than it is high
portrait	Printed matter that is positioned so it is higher than it is wide

**Pictures and Diagrams**

