



Runnymede St. Edwards Primary Catholic School - Knowledge Organiser

Subject: DT

Photo Frames

Year: 3

Term: Spring 2

	Key Knowledge and Vocabulary
design	To make or draw plans for the structure
frame	A rigid structure that surrounds something
component	A part of a larger whole
join	To connect two or more things together
strengthen	To make or become stronger
structure	Something that has been built for a purpose
framework	The supporting part of a structure
purpose	The job that something is meant to do
function	The reason that something is made or what something is meant to do
product	Something made by means of either human work or that of a machine
finishing techniques	The final things done to make sure a product is durable, aesthetically pleasing (looks nice) and is fit for the purpose

Design Process

Designing:

Who and what is the photo frame for?
 What size will it be?
 What materials would be the best?
 How are you going to join your parts together?
 How will you make it strong?
 What equipment will you need?
 What order will you work in?

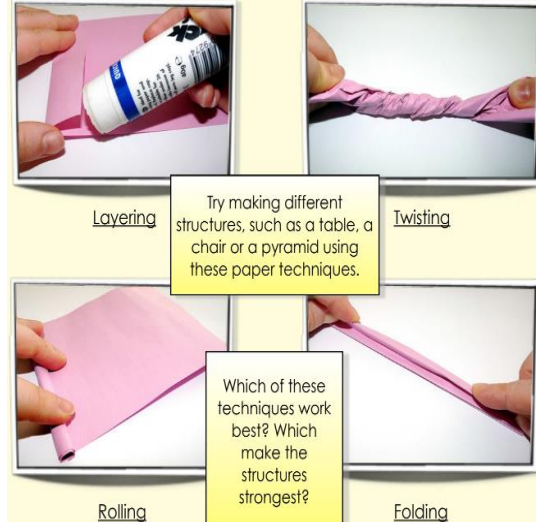
Making:

Are you following your plan?
 What types of skills are you going to use?
 How will you use the tools safely?
 Have you joined your parts together?
 Have you strengthened your frame to make it strong?
 Are you going to paint or decorate your frame so it looks good?

Evaluating:

How well does your structure work?
 Is it suitable for your user?
 Is your photo stable and strong?
 What would you do differently next time?

How can you strengthen and join paper?



Different ways of joining



Examples of Photo Frames

