

Year 4

DT Block (2 x 3 weeks)

DT Block one:

Links to History - Romans



To create a Roman coin purse from recycled materials

Roman Purse



Skill Designing:

- I can use research for design ideas
- I can show that a design meets a range of requirements and it is for a purpose
- I can begin to create my own design criteria
- I have at least one idea about how to create product and suggest ideas for improvements
- I can produce a plan and explain it to others
- I can say how realistic a plan is
- I can make and explain my decision considering availability of resources



Skill Making:

- I can select appropriate tools with a good level of precision
- I can select appropriate materials, fit for purpose and explain my choices
- I can work through a plan in order
- I can realise if a product is going to be good
- I can measure, mark out, cut and shape materials with improving accuracy
- I can apply a range of finishing teachings with improved accuracy.



Skill Evaluate:

- I can refer to a design criteria while making and design
- I can use criteria to evaluate a product
- I begin to explain how to improve an original design
- I can evaluate existing products and explain how they have been made fit for purpose.
- I discuss by whom, when and how products have been designed
- I can research whether a product can be recycled or reused.



Technical Knowledge (TEXTILES)

- I can think about the user when choosing a material
- I can think about how to make product strong - stitches
- I can begin to devise a template
- I can explain how to join things in different ways
- I understand how a simple fabric shape can be used to make a 3 D project.

DT Block two:

Link to History – anglo Saxon



To be able to make a shield. (strong to be held in battle)

Anglo-Saxon shields



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Technical Knowledge (Structures and Materials)

- I can apply my understanding of how to strengthen, stiffen and reinforce a more intricate structure.
- I can carefully measure to avoid mistakes
- I can continue to work on a product even if the original didn't work