



Year 4 Knowledge Organiser

DT Autumn Term
Saxon Viking House

What I should already know.

- Think ahead about the order of their work and decide upon tools and materials.
- Plan a sequence of actions to make a product.
- Record the plan by drawing (labelled sketched) or writing.
- Create shell or frame structure, strengthen frames with diagonal struts.
- Measure and mark square selection, strip and dowel accordingly to 1cm.
- Use glue gun with close supervision (one to one).
- Identify the strengths and weaknesses of their design ideas.
- Consider and explain how the finished product could be improved.

Structures

What will I know by the end of the unit?

Research Saxon Viking houses commercially available.

To make a solid wooden frame with accurately cut wood.

Use a mixture of natural materials to reflect original materials used during the time period.

Use cutting tools safely.

Write a persuasive advert to encourage people to visit the house.

Vocabulary

Roof

Stable

Dowel

Folding

Twine

Casing

Hack-saw

Light-weight

Bamboo

Natural materials

Hand drill

Shelter

Collect

Comfort

Joins

Pentagon

Persuasive advert



Key Knowledge

Create shell or frame structure.

Measure and mark square selection, strip and dowel accordingly to 1cm.

Use glue gun with close supervision (one to one).

Identify the strengths and weaknesses of their design ideas.

Decide which design idea to develop.

Consider and explain how the finished product could be improved.

Discuss how the finished product meets the design criteria and how well it meets the needs of the user.

Outcome



Investigate!

To make a solid wooden frame as the basis to construct a model 'house', with practical design aspects to replicate a historical house.