



# 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

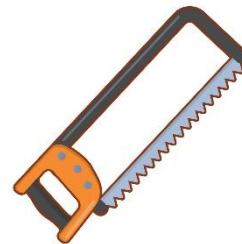
Collect

Comfort

Joins

Pentagon

Persuasive advert



## Key Knowledge

Carry out research into user needs and existing products. Develop a simple design specification to guide the development of their ideas and products.

Formulate a clear plan, including a step-by-step list of what needs to be done and lists of resources to be used. Competently select from and use appropriate tools.

**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).**

Develop and use knowledge of how to construct strong, stiff shell structures.

Critically evaluate their products against their design specification.

## 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.