

Design Technology -Roman Chariots - Year 3 Spring Term

Prior Learning

Y1 - structures (London Landmarks)

Y2 - Moving vehicles/winding mechanisms

Vocabulary

Design brief - it outlines the most important factors to consider when starting a project.

Chariot - a two-wheeled vehicle drawn by horses, used in ancient racing and warfare.

Axel - rod passing through the centre of a wheel or group of wheels.

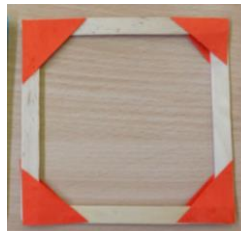
Chassis - the base frame of a car, carriage, or other wheeled vehicle.

Shaft - one or two long pieces of wood between which a horse is hitched to a vehicle

Evaluation - make a judgement about how successful the final product is.

Methods and Processes

Strengthening a joint



Adding wheel /axel



Design Process



Tools

Hacksaw



Drill



Bench hook



PVA glue



Chariot ideas



Materials and Consumables

Card	Glue
Dowel rods	Timber strips (square)
Lollipop sticks	Wooden wheels

Can I answer?

1. How can I strengthen where the two pieces of wood are joined?
2. How do I add the axel and wheels to ensure they can turn freely?
3. What are the different parts of a chariot called?