

Making - Learning using Tools and Equipment

FPT - Focussed Practical Task

This is a small practical investigation, a mini focus on an aspect of your design. E.g. Practising using the unfamiliar card-scissors on scrap to cut a straight line you have drawn with a pencil and ruler

Use of card-scissors

To cut the wooden doweling for the axle rod and the cardboard packaging/containers for the chariot.



Wooden Dowelling

This is the axle material, you will thread your wheels on to.



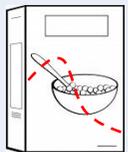
Cardboard - Axle Supports

These will be attached to the base of your chariot



Cardboard Wheels

These will be provided so that the chariot moves easily.



Using a cereal box you will mark out your chariot carriage's shape

Vocabulary

The Axle

The Axle is the rod between two wheels that allows them to turn smoothly.

The Carriage and the Shaft

The Shaft is the long pole at the front that attaches the chariot to the horses

The Carriage is the main Chariot part where the Roman would stand and steer/drive the horses along

Why are we learning this?

To know how to:

Upcycle packaging and combine with DT materials i.e. doweling/ axles to make a moving vehicle.

Why is it important?

So that we understand how to:

Create a scaled down mock-up of a working Roman chariot with moving wheels.

Cross Curricular Opportunities

Maths

Measuring and marking out your template. Using symmetry to ensure the two sides of the chariot carriage and horse match.

History

To understand how the Roman chariot looked, how it was used in battle and how they moved and were structured/driven.

Art

To re-create the look of an Ancient Roman Chariot using surface design and decoration

English

Evaluating your product in your DT booklet

PSHE & Values

Creativity, Perseverance, Patience & Accomplishment

