



Coleman Primary School

Year 3 Spring 1 Knowledge Organiser

Design & Technology—Roman Vehicles

Key Vocabulary: Roman Vehicles

vehicle: something used to transport (move) people or goods	junior hacksaw: a small saw often used for cutting wood, metal or plastic
chassis: the base frame of a vehicle	bench hook: holds pieces in place to allow for careful and safe sawing
axle: a rod passing through the centre of a wheel, allowing it to turn	evaluate: to think about your design

Examples of Roman vehicles



Wine carrier



Chariot



Open wagon



Covered wagon



Can you spot which vehicle is the odd one out?

Making a Roman vehicle

Materials



square and round profile dowel for the chassis and axle

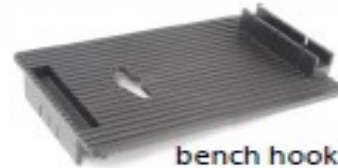


cardboard triangles and hexagons to strengthen the chassis and hold the axle

Equipment



junior hacksaw



bench hook

Health and Safety

- Always use a bench hook
- Keep fingers away from the blade
- Stand up to use the saw
- Listen to instructions



Sawing wood, example chassis and axles, making wheels, finishing off.



wine carrier

open wagon

covered wagon

What you will know

- *To Know the names of different types of Roman vehicles like chariot, open wagon, closed wagon and wine carrier.
- * To know how to Research different types of Roman vehicles and draw them.
- *To know how to Design and draw a design from three different perspectives – side, top and three dimensional.
- *To know how to Use a range of tools and equipment to perform practical tasks (e.g. cutting, shaping, joining and finishing).
- *To know how to Use a range of materials and components, including construction materials to build a product.
- *To know how to Evaluate their ideas and products against their own design criteria and original plans.
- * To know how to Follow appropriate health and safety protocols when using equipment like bench hooks and saws.