





Year 2 – Making a Royal Carriage
Mechanisms and Materials

Key vocabulary and information

Mechanism	Mechanisms are the parts that make something work.
Wheels 	Wheels are circular objects that roll on the ground, helping vehicles and other objects to move easily. Wheels can be made from wood, card, MDF or plastic cotton reels.
Axles	Axles are rods that help wheels to rotate. The wheel can either rotate freely on the axle, or be attached and turn with the axle. In school we use dowels as our axles.
Dowel 	A thin rod of wood that we can make axles from.
Chassis	The chassis is the frame or base on which the vehicle is built. A chassis should be strong and rigid enough to hold the vehicle. In school we use cardboard boxes. To strength it we measure the rectangles and cover them in card.



As part of our DT and History topic we are learning about the 'Golden Carriage'. In our art lessons we will be creating designs using digital media. The Gold State Coach is an enclosed, eight-horse-drawn carriage used by the British Royal Family. Commissioned in 1760, it was built in the London workshops of Samuel Butler. This coach has been used at the coronation of every British monarch since George IV. The coach's great age, weight, and lack of manoeuvrability have limited its use to grand state occasions such as coronations, royal weddings, and the jubilees of a monarch. The coach is housed at the Royal Mews of Buckingham Palace. It is on view for the public.

