

# #Castlecraftchallenge

## King Edward's Car

King Edward VII visited the Castle many times in 1900. He was the first member of the royal family to own a car. It may look old fashioned now but it was very modern at the time. Have a go at making his car or design and build your own car.

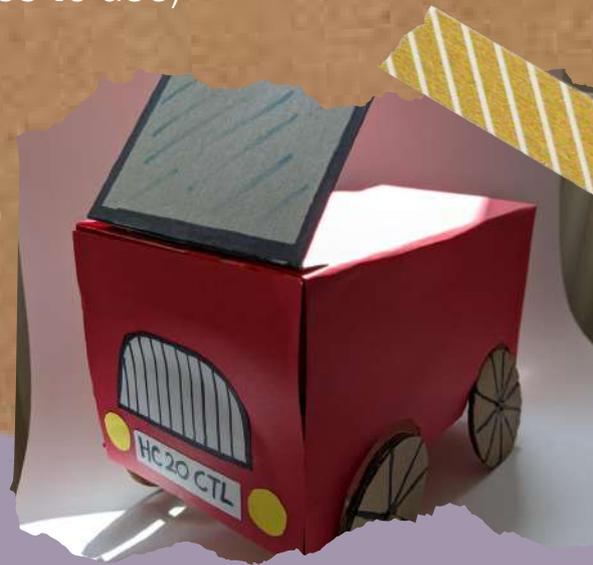


### What you will need:

- A rectangular box - tissue boxes and smaller shoe boxes work well
- Thick cardboard (delivery boxes are the best ones to use)
- Thin cardboard (use old cereal boxes)
- Circular lid
- Two long straws
- Two long bamboo skewers (sharp tips removed)
- Glue
- Washable kids paints

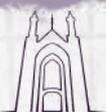
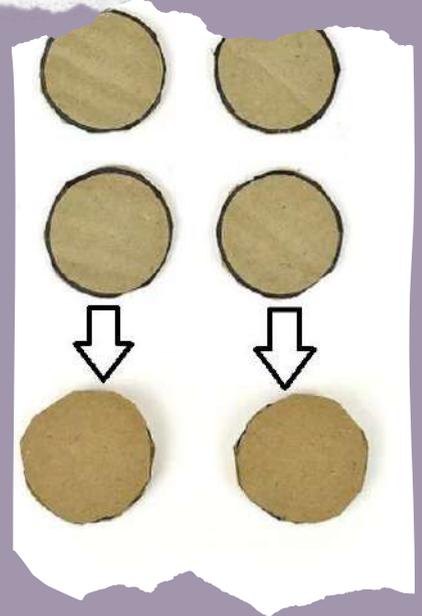
### How to make your car:

- At the base of your box use the circular lid to draw four semi-circles for your car's wheel arches. Make sure that they are matching on each side so you don't get wonky wheels
- Turn the box upside down and draw small rectangles where the bottom of the box meets the edges of the wheel arches
- Cut all four out



# #Castlecraftchallenge

- Using the same lid as you used for your wheel arches, trace around it on thick cardboard to make a circle and then cut out. Repeat this seven times to make eight circular pieces
- Glue two circular pieces together to make one wheel
- Repeat with the other circles to make four wheels
- Leave to dry
- Cut the two skewers slightly wider than your car body.
- Punch a small hole through one of the wheels. Once you've made a hole, fill it with glue and stick the skewer inside. Repeat this step with one other wheel and skewer
- Cut two segments from the straws that are just shorter than the skewers
- Slide the straws onto each of skewers



# #Castlecraftchallenge

- Stick the other two wheels on the other ends of the skewers to complete your axles
- Make sure that the wheels can freely spin inside the straws and leave to dry
- Cut a rectangular piece of thick cardboard to fit the space between the wheel wells at each end of the car
- Glue the wheel axles (straws) onto these rectangular pieces. Test the wheels to make sure they can turn freely, if not add more cardboard to the base or cut wider wheel arches
- Leave to dry
- Paint the body of your car, this may take a few coats. If the box is shiny you may wish to cover in coloured paper instead
- Add in extra features such as number plates, lights, windscreen and spoiler

