

How to make a Model T Ford at home

Mission:

Make a Model T Ford out of recycled materials

Ages 7+

Materials:

Printed templates
Paper or straw
Glue
Cardboard
4 x bottle tops
Bamboo skewer
Sticky tape
Scissors
Pencil

Make:

1. Collect your materials and print templates onto A4 paper
2. Glue the templates onto your cardboard, wait for the glue to dry, and cut out

Chassis and wheels

3. Cut a straw into two pieces or make two rolls with two small pieces of paper.
4. Cut to the length of the diagonal patterned line on the chassis template then tape down on the diagonal line. *(TIP: this will contain the bamboo skewer)*
5. To create your wheels, take four bottle tops and make a hole in each by piercing the centre with the skewer.
6. Insert the skewer through the centre of one bottle-top, then through one the straw and then through the center of another bottle-top to create your first set of wheels.
7. Repeat step 7 to create your second set of wheels.
8. Fold the running board on the dotted lines. Roll a pencil along the mudguards to curve the cardboard *(TIP: see 'how to fold diagram')*
9. Glue the running board to the chassis so that the mudguards are over the wheels.

Body & Windscreen

10. Fold along dotted lines of body of the car and windscreen. Join the sides of the radiator to the body with tape. Join the back of the car to the body and join the windscreen underneath the bonnet.
(TIP: Use sticky tape to make a windscreen)

Seats

11. Fold the seat as shown in the 'how to fold diagram'.

Final touches

12. Attach the body to the chassis with tape
13. Place the seats into the body and secure with tape if needed.



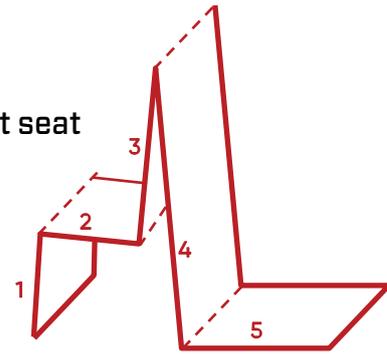
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How to fold

Running board front and back



Front seat



More to do:

+ Pimp your Model T Ford in your favourite colours or patterns using paint or coloured paper

+ Race your Model T Ford

+ Teach someone about the parts of the Model T Ford

Chassis: This is the bottom part of a car that the axles and body are joined to.

Running boards: Between the front and back mudguards on each side of the car, like a step

Mudguards: Stop mud from the wheels going everywhere

Wheels: Make the car roll along the road

Axles: Under the car, the front and back axles join the wheels of each side

Body: The body holds the seats and motor

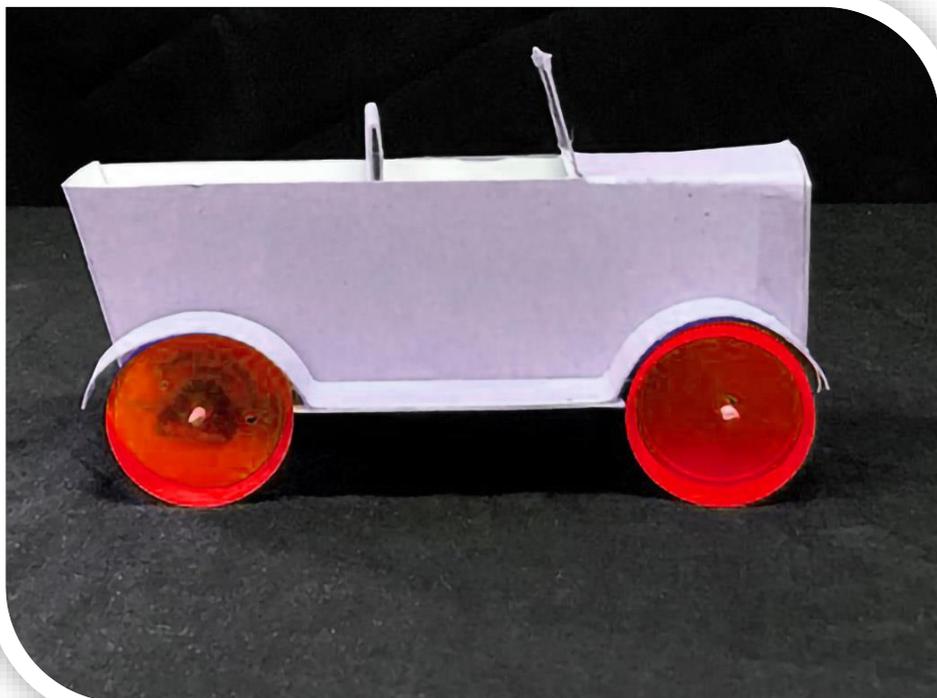
Bonnet: The top part above the motor or engine

Radiator: In front of the motor which keeps a hot engine cool

Back: In a modern car where the boot is

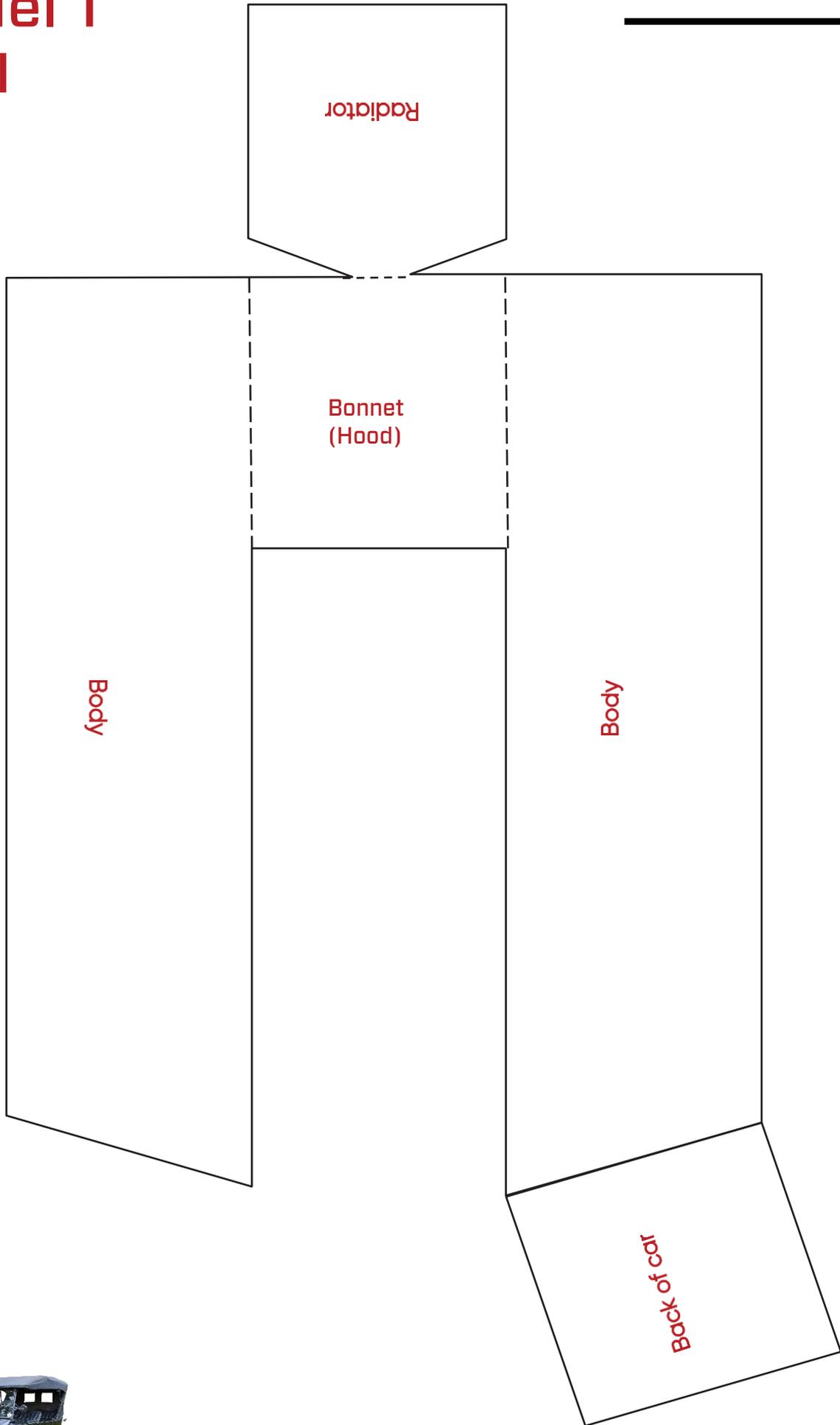
Windscreen: Protects the driver from the wind

Seats: Where the driver and passengers sit



Model T Ford

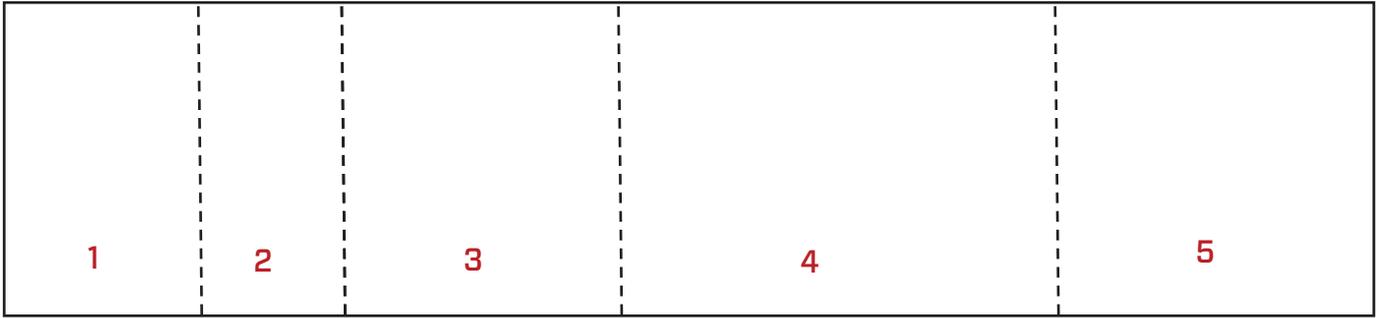
--- Fold
— Cut



Model T Ford

--- Fold
— Cut

Seat



Mudguard back left

Running board left

Mudguard front left



Mudguard backright

Running board right

Mudguard front right

