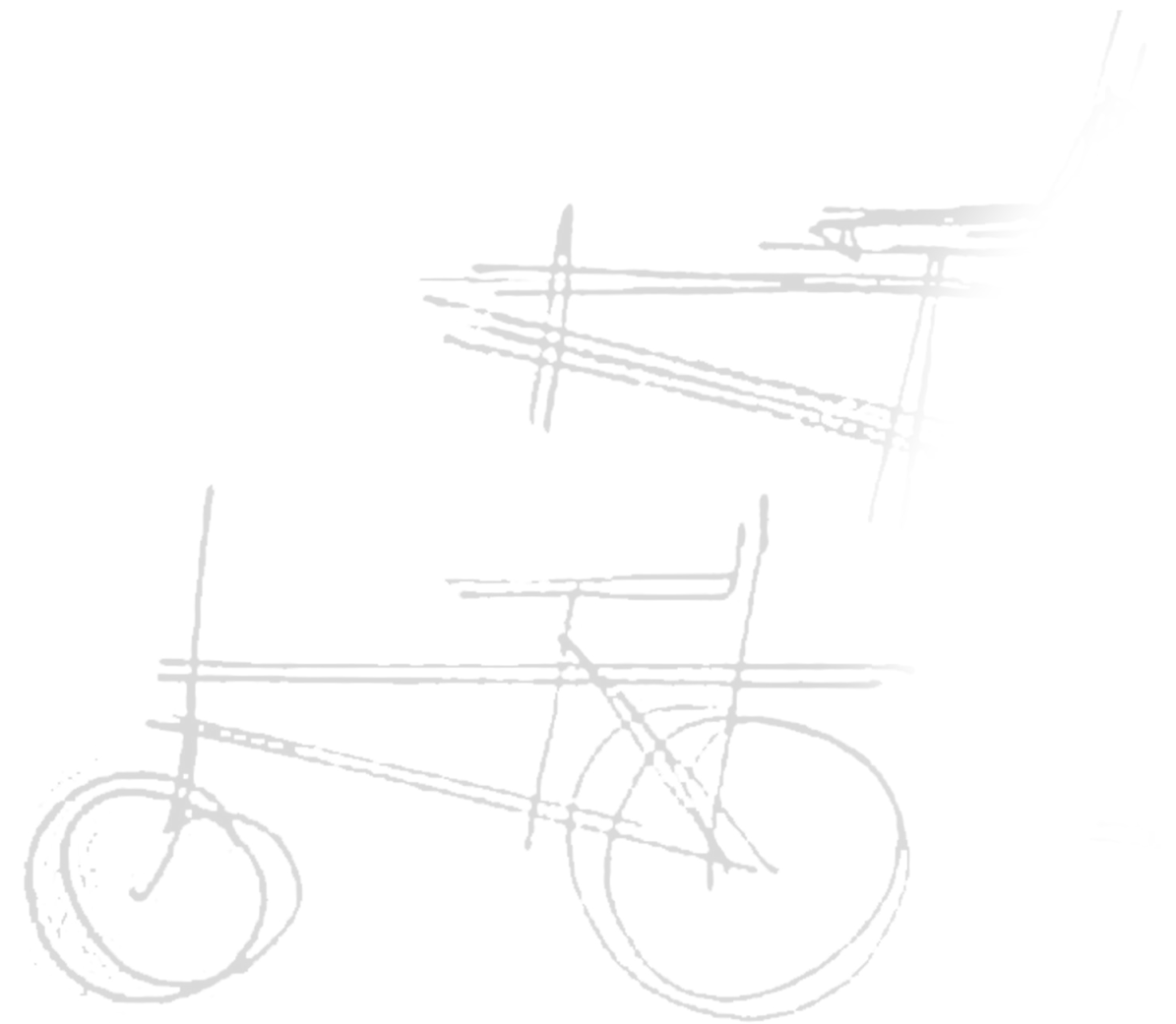


What is a designer?

Designers create things from their imagination.

They will draw out something before they make it.

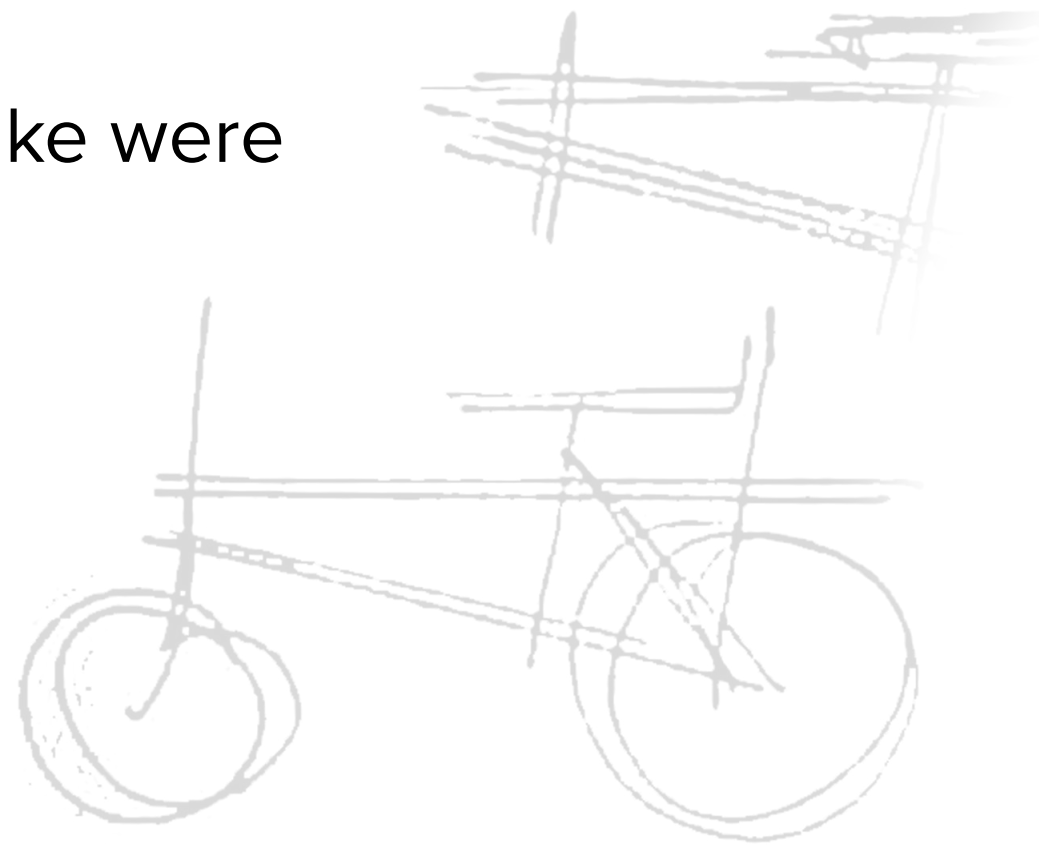
Do you know any designers?



Who is Tom Karen?

Tom is a designer who used to work in Letchworth Garden City.

His favourite things to make were vehicles.



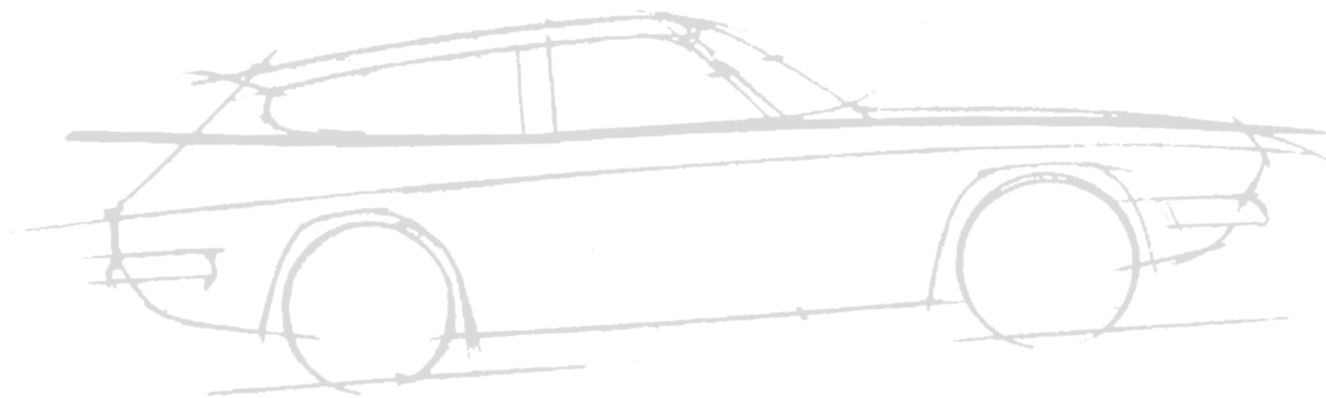
Watch the video to find out more about Tom.

MUSEUM

at ONE Garden City

**TOM
KAREN** **creations**

What toys could you make?



Tom liked to...

- Design cool cars.
- Make moving toys.
- Use recycled materials.

Tom was famous, let's find out more.

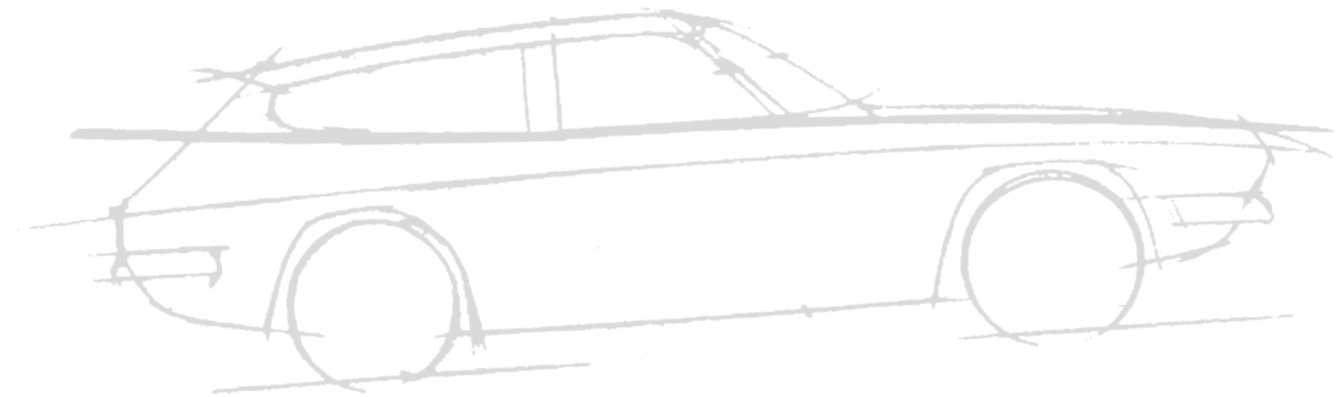
<https://www.discover-lethworth.com/tom-karen-creations/>



You are a designer

And we are going to make our own toy cars!

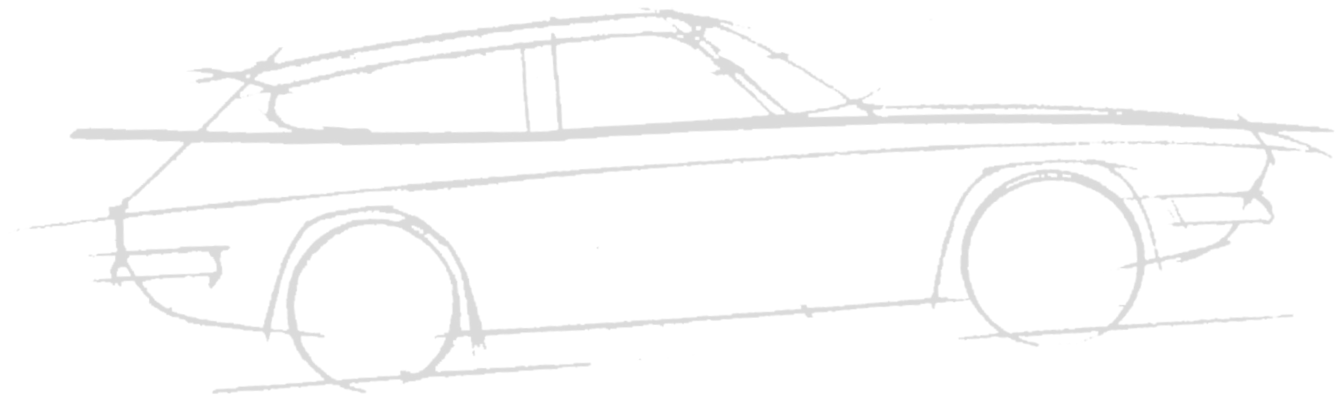
What does a car need?



You are a designer

To make our toy cars we will need:

- Body
- Axle
- Wheels



What is an Axle?

The image is a screenshot of a web browser displaying a BBC Teach page. At the top, the browser's address bar shows the URL: bbc.co.uk/teach/class-clips-video/design-andtechnology-ks2-axles/zmhfvk7. Below the address bar is the BBC navigation bar, featuring the BBC logo, a 'Sign in' button, a notification bell, and links for Home, News, Sport, Weather, iPlayer, Sounds, and Bitesize. A search bar labeled 'Search BBC' is also present. Below this is the 'Teach' header, which includes the 'Teach' logo and navigation links for Home, Primary, Secondary, Skillswise, School Radio, Young Reporter, and Teacher Support. The main content area features the heading 'Class Clips' followed by a pink rectangular graphic. The primary title is 'Design and Technology (D&T) KS2: Axles'. Below the title is a breadcrumb trail: 'BBC Teach > Primary Resources > KS2 Design and Technology > Explain This...'. The main visual is a video player showing a close-up of hands working with a wooden axle and a wheel. The video player has a yellow bar on the left and a blue bar on the right.

bbc.co.uk/teach/class-clips-video/design-andtechnology-ks2-axles/zmhfvk7


Home News Sport Weather iPlayer Sounds Bitesize Search BBC

Teach Home Primary Secondary Skillswise School Radio Young Reporter Teacher Support

Class Clips

Design and Technology (D&T) KS2: Axles

BBC Teach > Primary Resources > KS2 Design and Technology > Explain This...

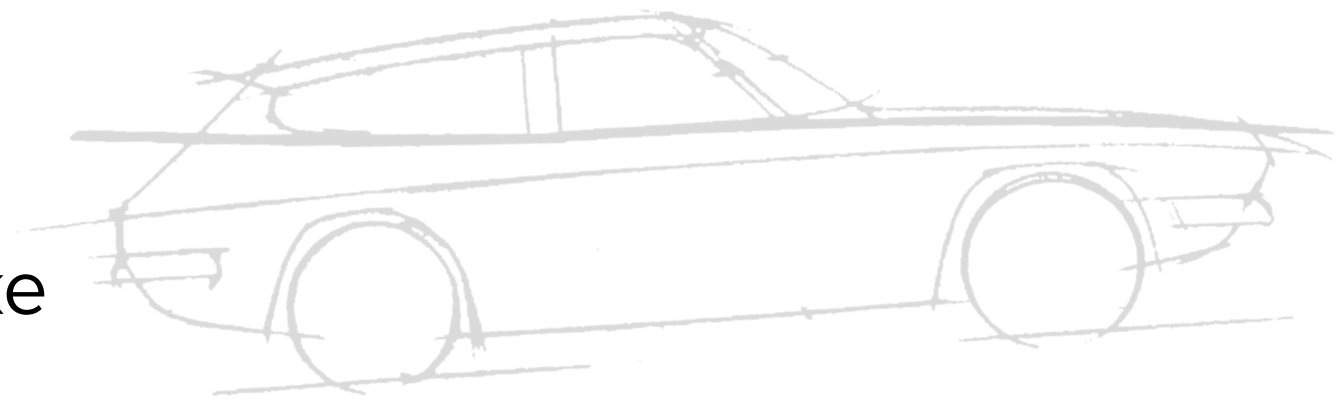


Draw your car

Your car needs to have everything on our list.

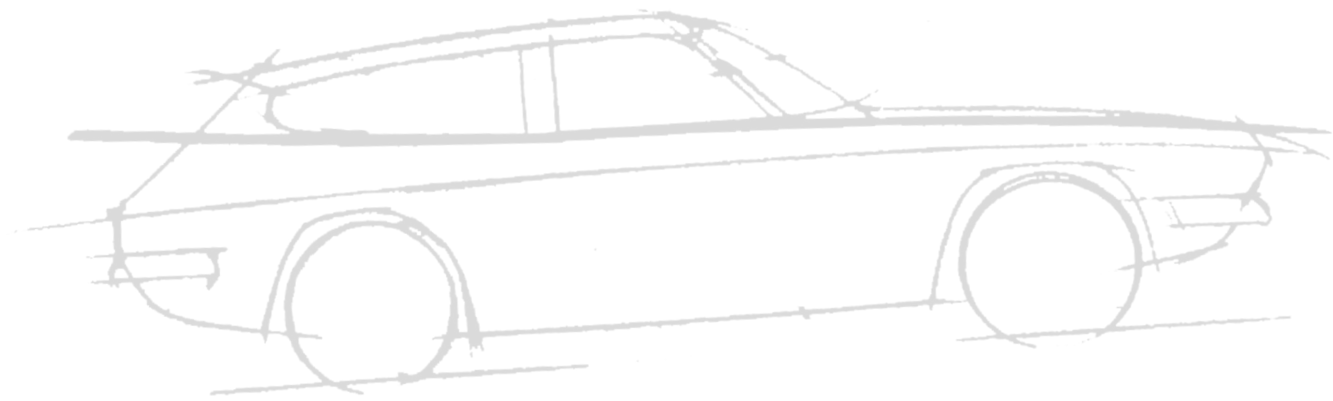
- Body
- Axle
- Wheels

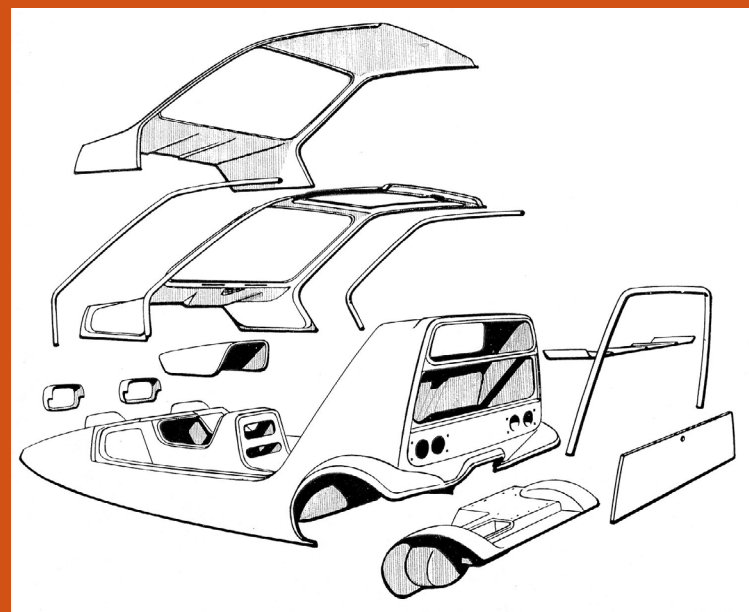
You might be inspired by Tom Karen's cars like the Bond Bug or the Reliant Scimitar.



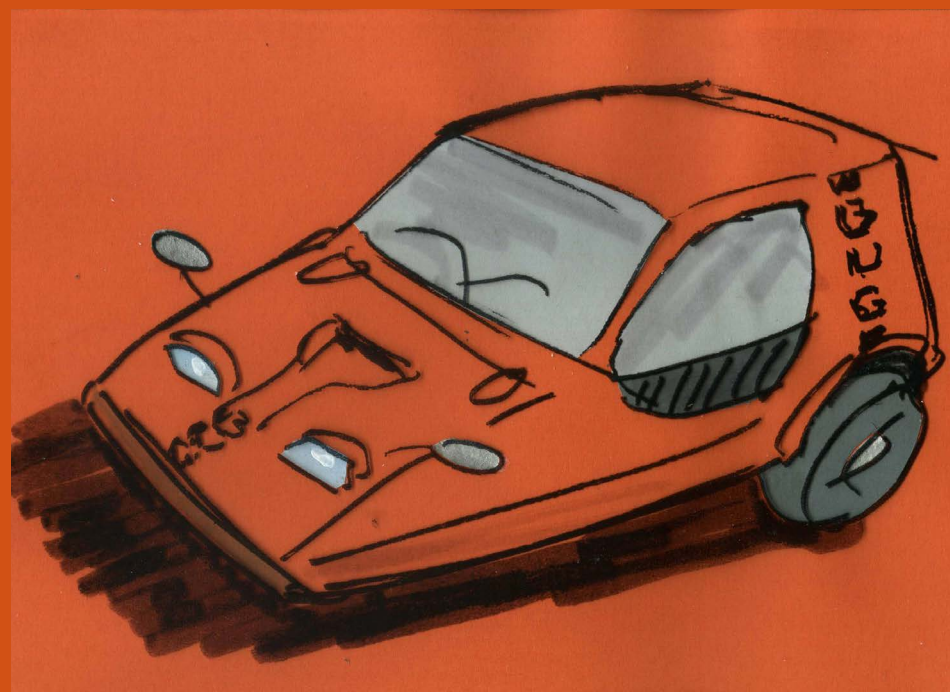
Make a Mood Board

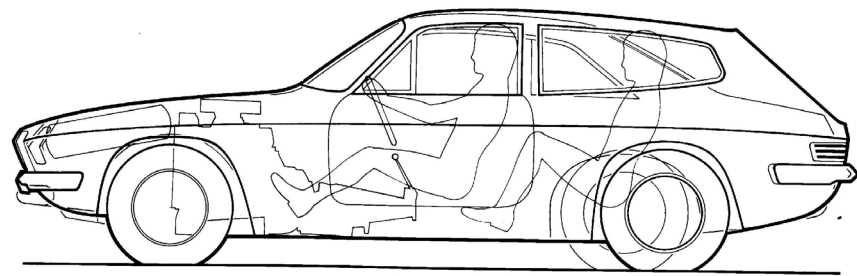
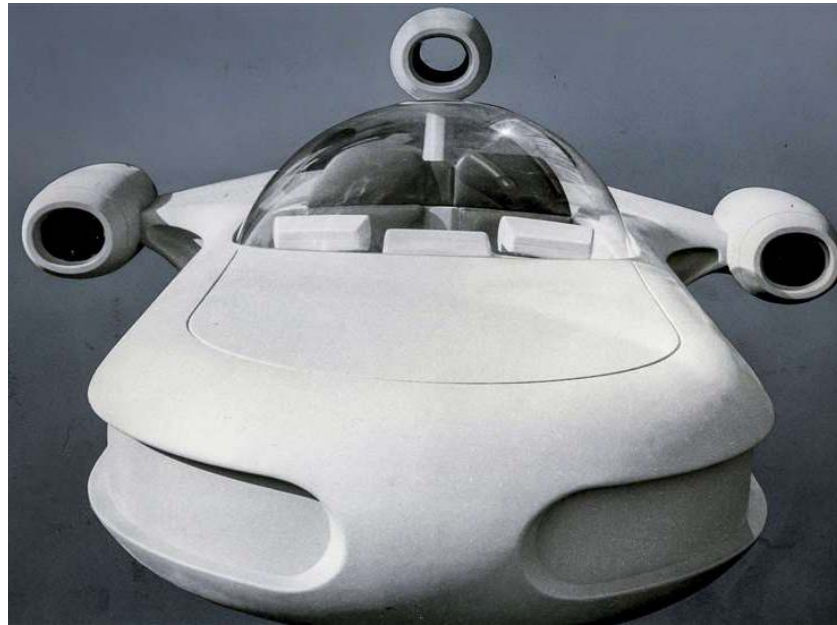
Collect images that show the theme of your car.





Bond Bug Mood Board





1



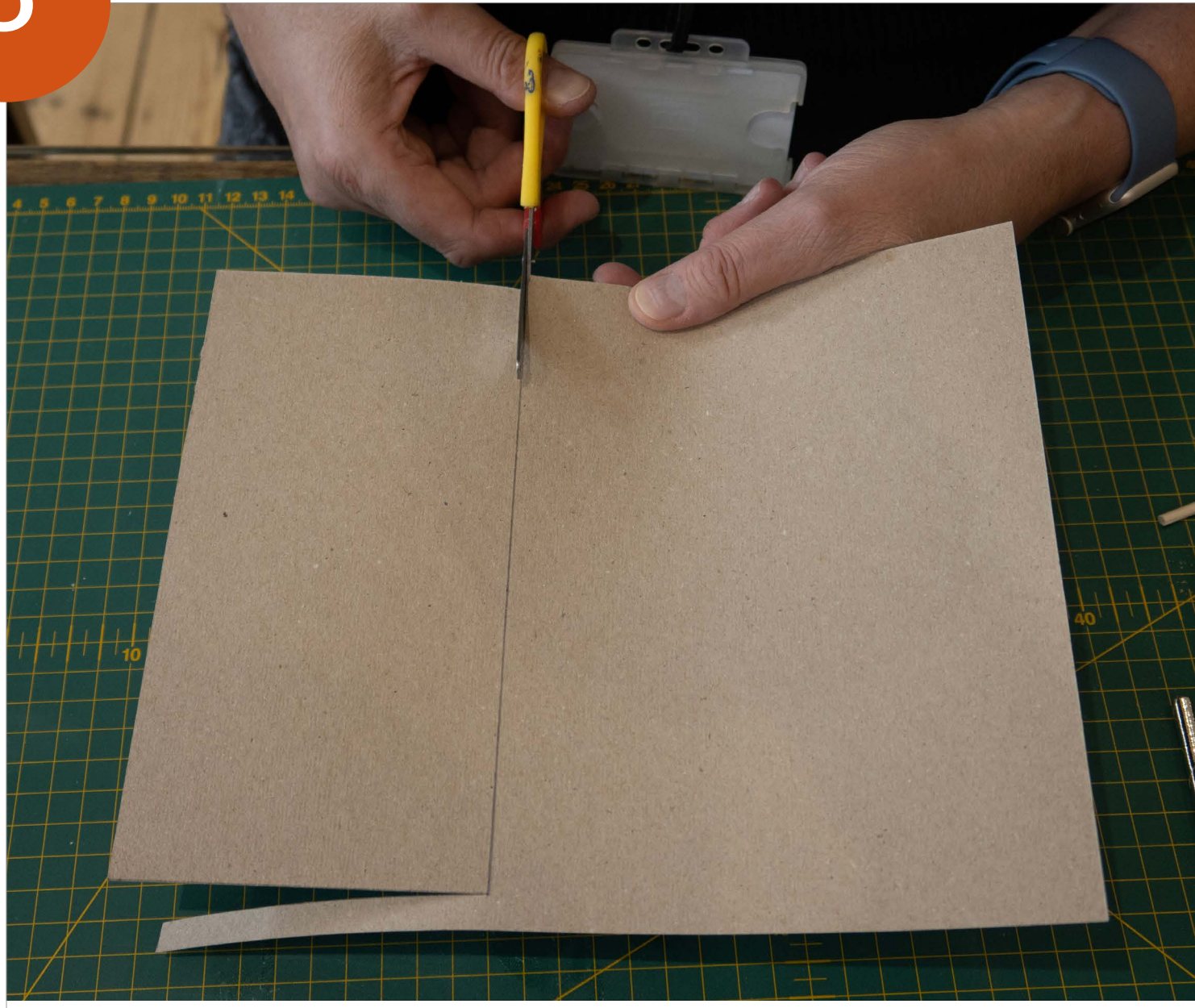
Measure 11cm and mark with a pen
on 2 straws

2



Draw a rectangle on thick card.
Make 2 sides 10cm and the other 2 20cm.

3



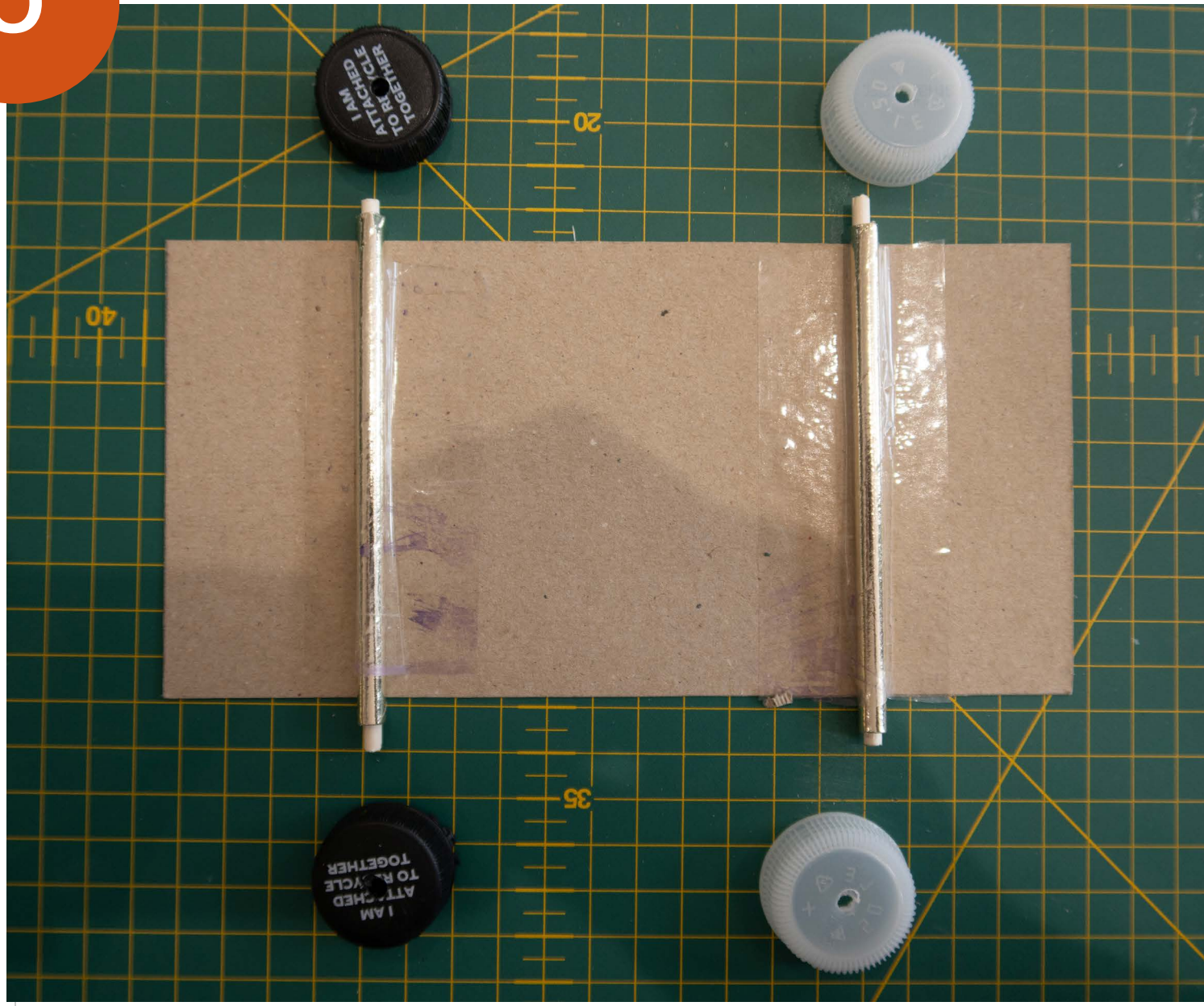
Cut out your rectangle and your straws.

4



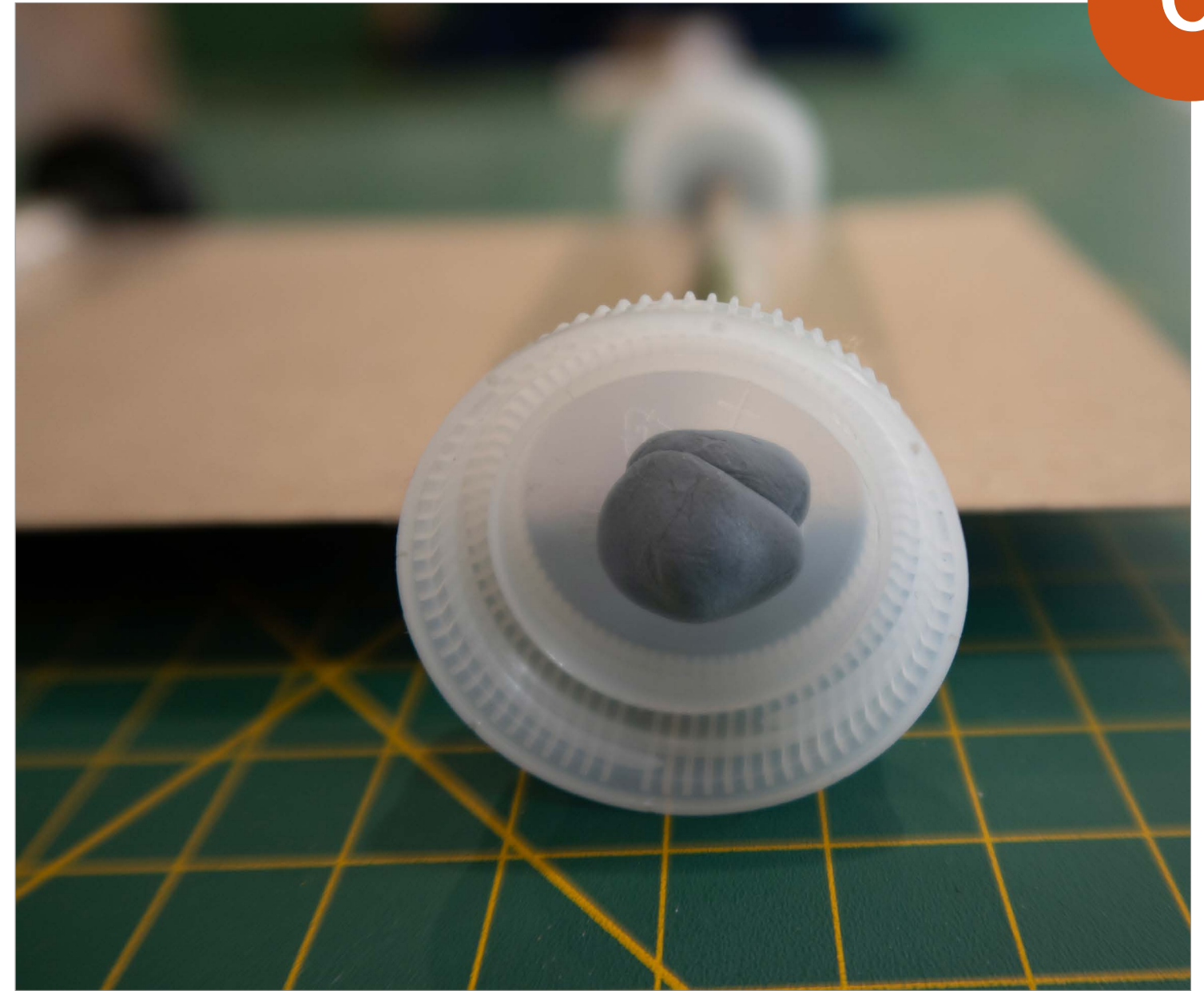
Stick your straws onto your card. Push your wooden sticks through the straws

5



Check your wheels are matching sizes

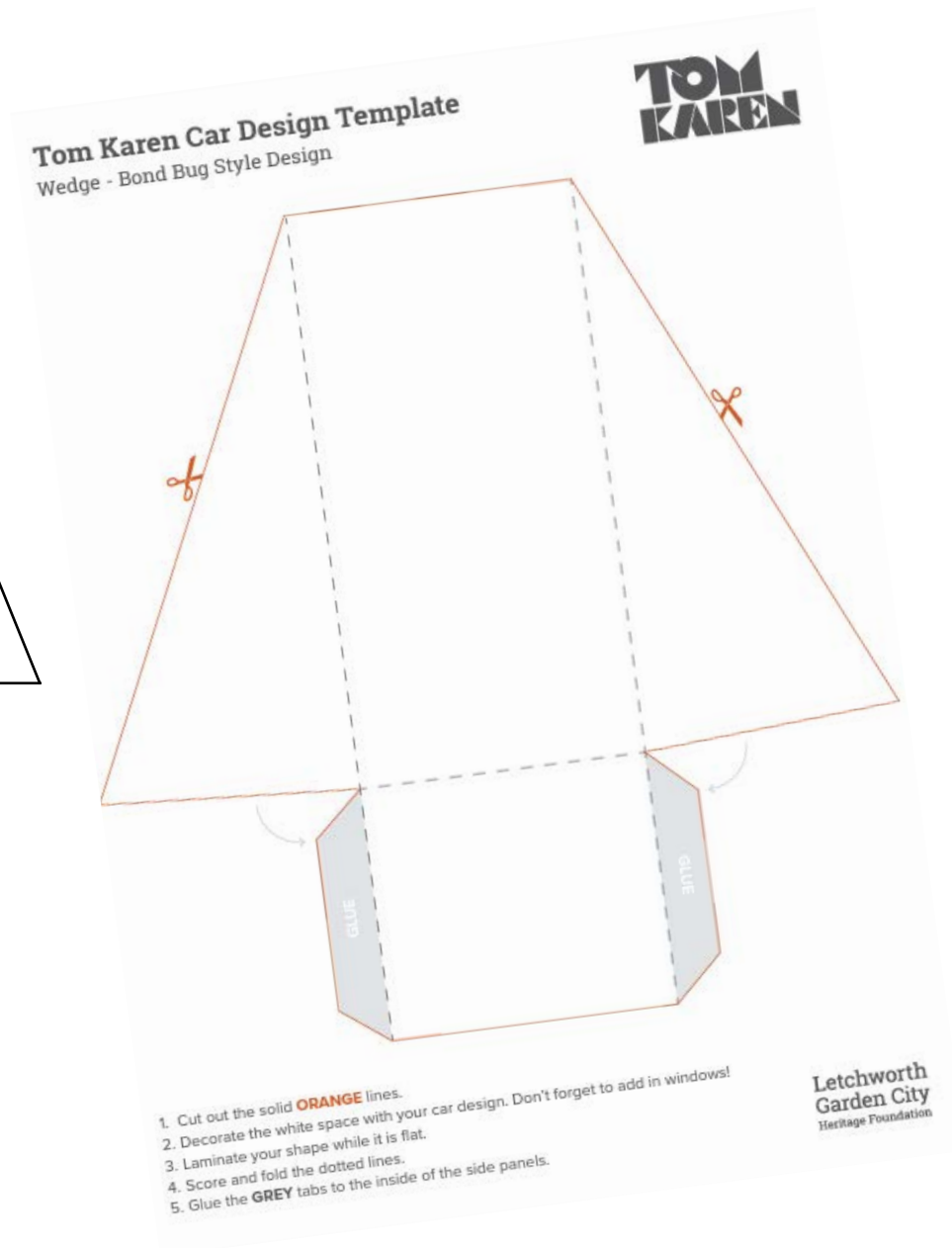
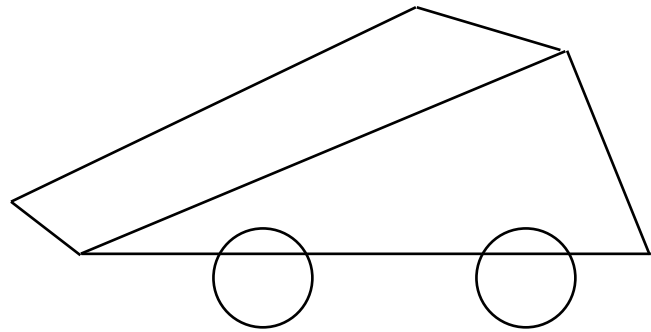
6



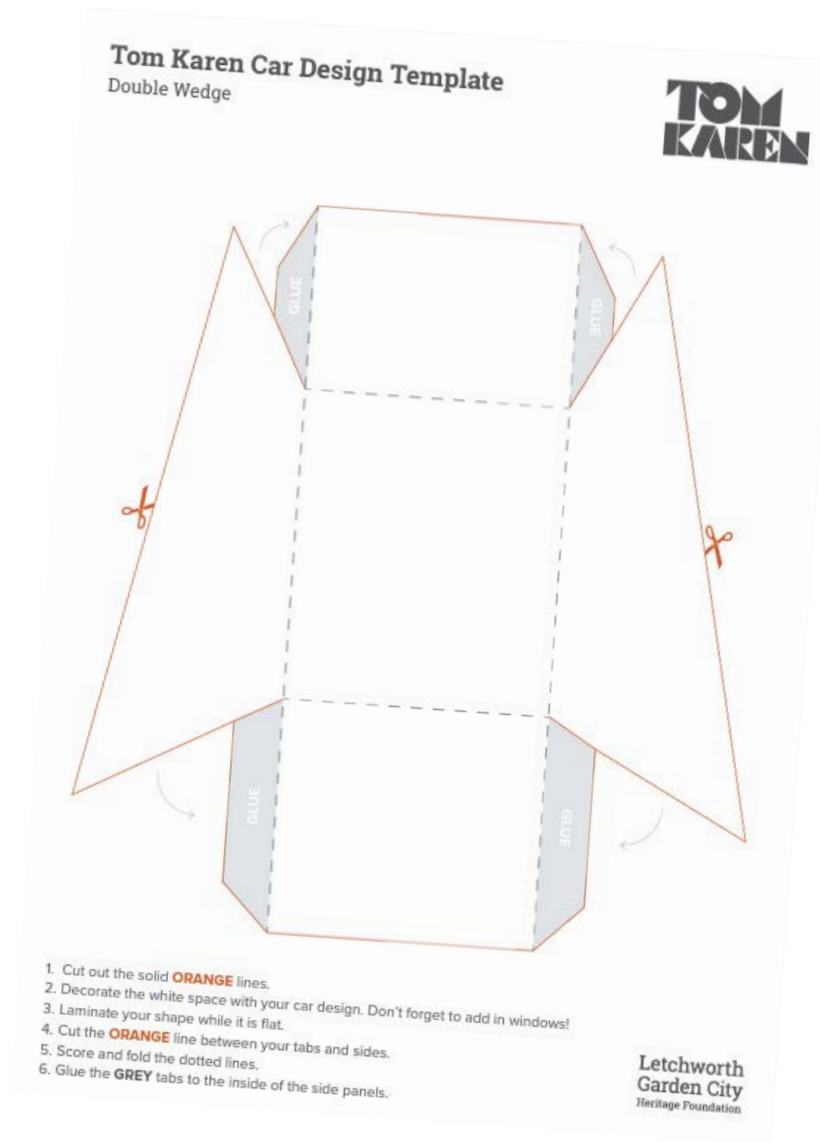
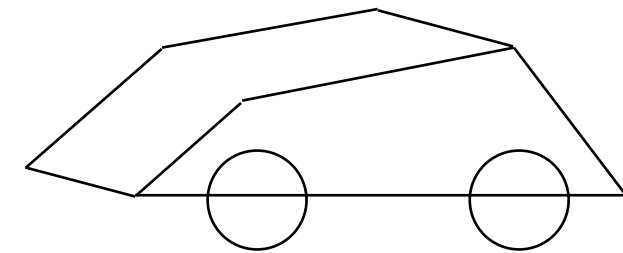
Stick your wheels on your wooden sticks with blue tack on the outside

Choose a car shape

1



2



Choose a car shape

3

