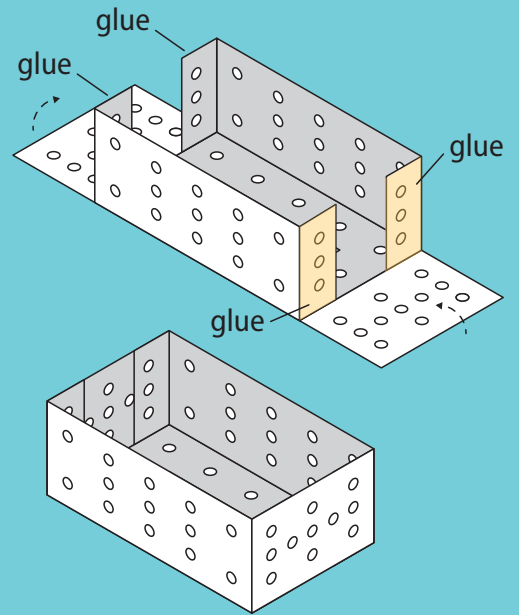
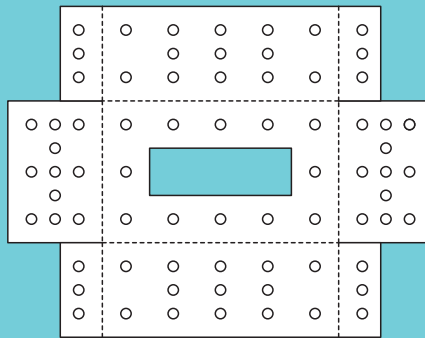


Make the Merry-Go-Round



Before you start see
'Make with TechCard'
on our website.

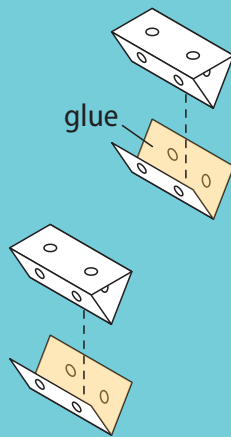
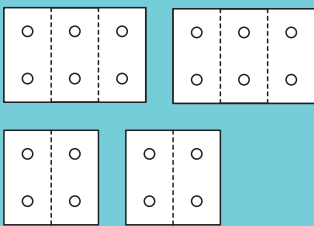
1 Make the base.



Fold and glue a TechCard
project base.

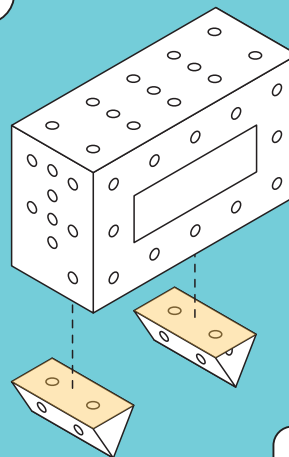
2 Make the feet.

Cut cut two 50mm
girders and beams.



Fold and glue the girders
and beams as shown.

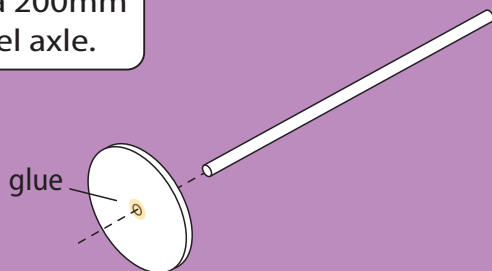
3 Fit the feet.



Glue the feet under the
base where shown.

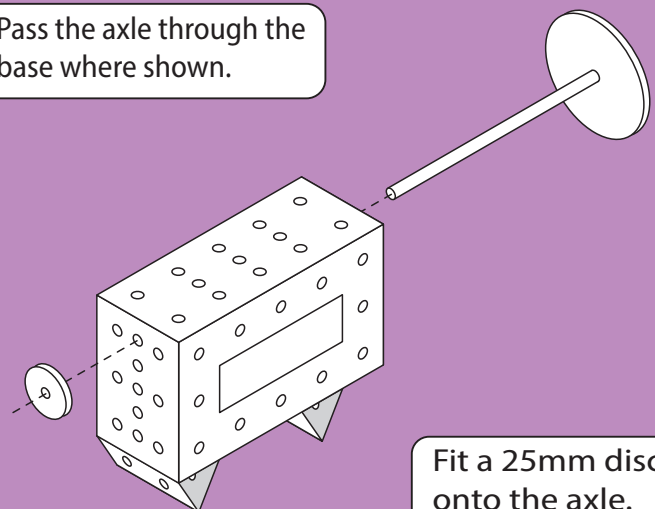
4 Fit the wheel and axle.

Cut a 200mm
dowel axle.



Fit a 60mm wheel to one end of the axle.
Check the wheel is straight and glue.

Pass the axle through the
base where shown.



Fit a 25mm disc
onto the axle.

5 Fit the vertical axle.

Cut a 200mm dowel axle.

Fit a 50mm wheel half way up the axle.

Glue a 25mm disc under the wheel.

glue

Check parts are straight and glue.

Fit a 25mm disc near the top of the axle.

100mm

6 Test the model.

Turn the axle and the vertical axle with turn.

Fit the axle through the base where shown.

Check the axles turn easily.

7 Finish the model.

glue

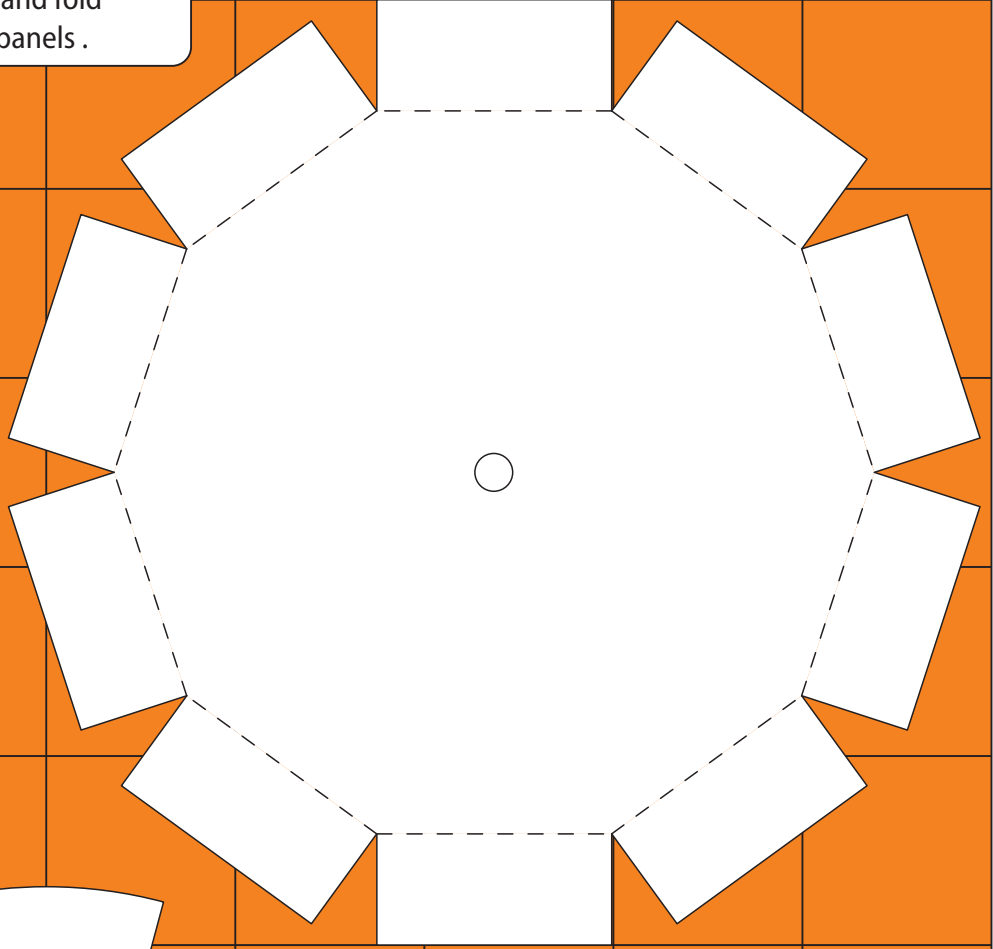
Fold, glue and fit the card panels.

8 Operate your Ride.

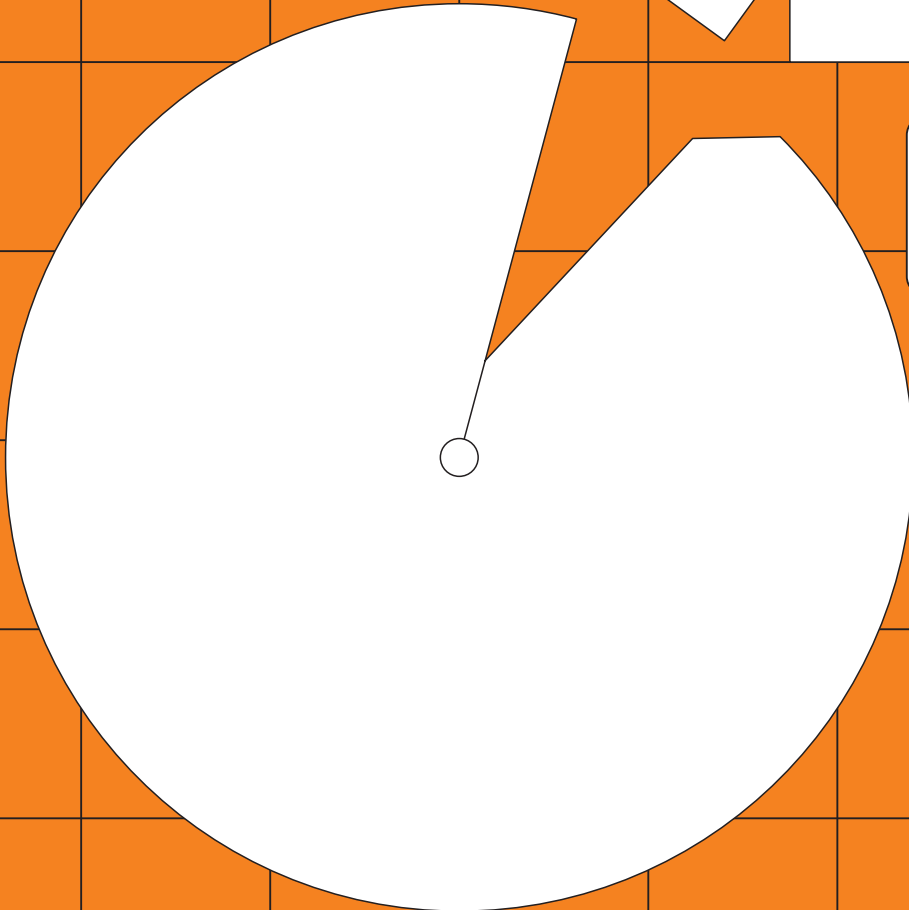
When you turn the first axle the rotating force is transferred to the vertical axle by the two wheels. The force of friction between the wheels causes the first wheel to turn the second wheel. The wheels act just like gears but gears have teeth so they can't slip.

Card Panels

Print and cut along the solid lines and fold along the dotted lines of the two panels .



Alternatively, copy the panels onto thin card and cut and fold in the same way. Or you can design and make your own body panels!



25mm
25mm