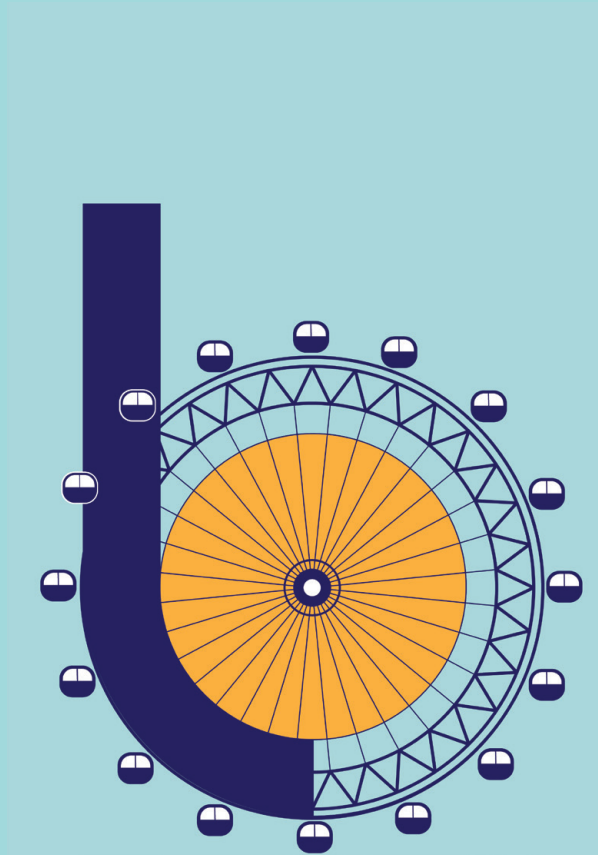




# L for London Eye

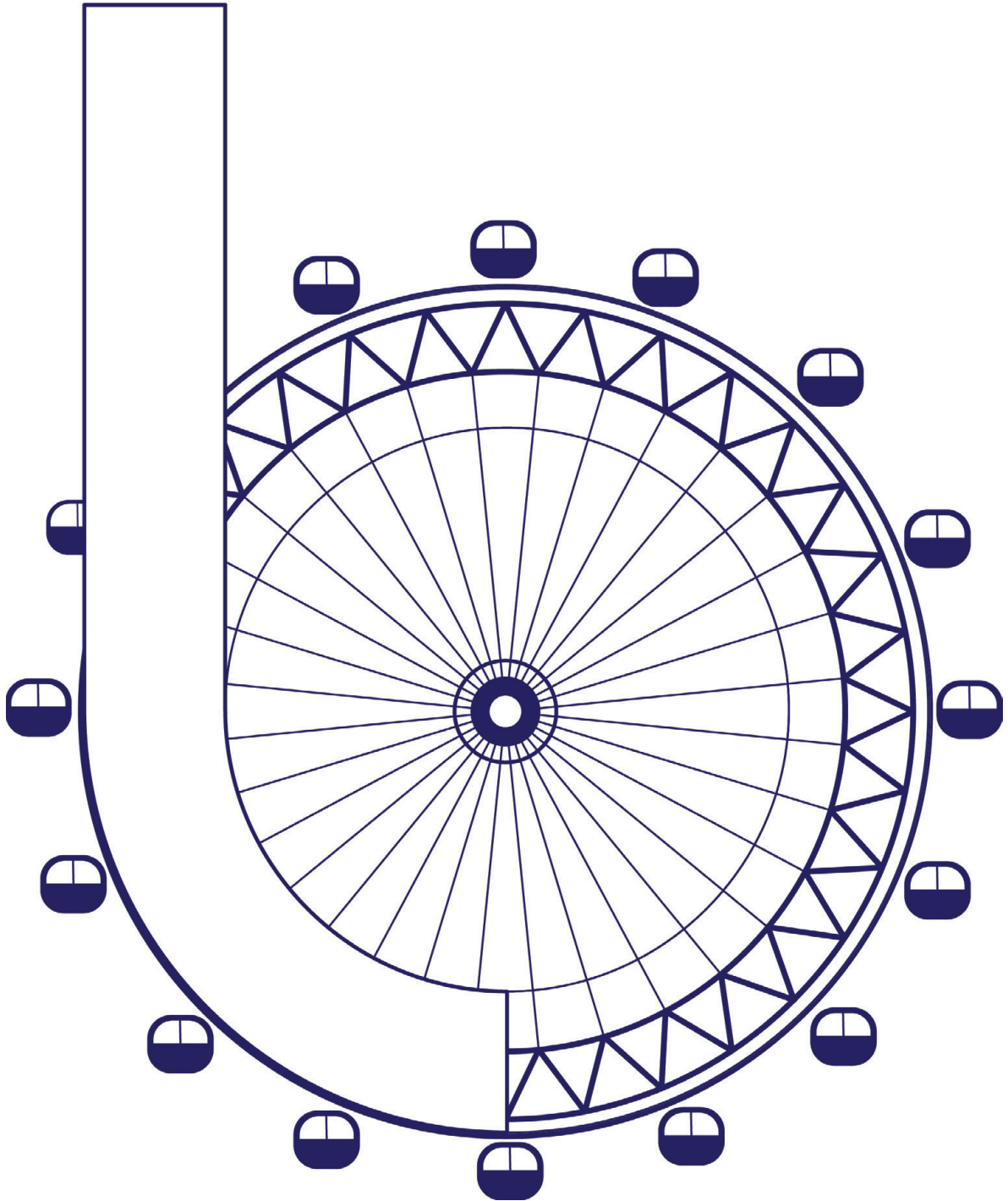
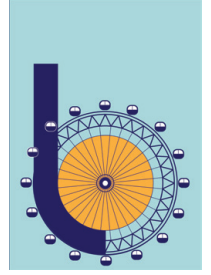


## Fun Facts

1. The London Eye is the fourth largest ferris wheel in the world.
2. The circumference is 1,392 feet, so if it were not a wheel it would be the tallest building in London.
3. The wheel travels at .6 miles per hour and takes 30 minutes to go around.

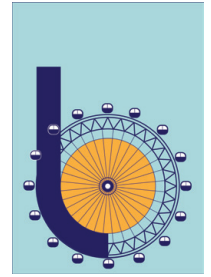


Colour me in





# London Eye



The London Eye is the most popular tourist attraction in London and was thought up by a husband and wife team David Marks and Julia Barfield. The design was created in response to a 1993 competition to create a new landmark for the millenium.

It is visited by over 3.5 million people each year who ride inside its 32 capsules.

The wheel is cantilevered which means that it is only supported on one side. This is clever engineering considering that the wheel weighs more than 1000 tons!

## Ferris Wheel

George Ferris Jr., a 33 year old engineer from Pittsburgh designed a giant wheel for the World's Fair with narrow rods that would carry people higher than the newly opened Statue of Liberty.

More than 1000 parts went into the first ferris wheel, and over 19 weeks in 1893, more than 1.4 million people paid 50 cents for a twenty minute trip around the wheel to experience something completely new. Now replicas are made everywhere as the joy is just as thrilling now as it was then.



## Activity

Design your own Ferris Wheel!

Materials: 50 Popsicle sticks, Hot Glue, Paper clip

Step 1: Make a triangle with the popsicle sticks.

Step 2: Add another 2 popsicle sticks to create another triangle on the first and so on until you have 6 triangles to make one side of the wheel. Make sure that there is a hole in the centre of your triangles for the paper clip to go through. Repeat for the second side.

Step 3: Attach the sides together with popsicle sticks cut in half. You will need 6 half pieces of popsicle sticks evenly spaced and glued.

Step 4: Make two large triangles two sticks long and tall and allow the top two sides of the triangle to cross so that there is an 'X' at the top for your wheel to rest on. Connect these with popsicle sticks wide enough for your wheel to fit inside of and be able to spin.

Step 5: Put the paper-clip through the centre of the wheel and place the paper-clip on top of the 'X'. Now spin!

