

# KETTLE'S YARD



UNIVERSITY OF CAMBRIDGE  
**MUSEUMS**  
& BOTANIC GARDEN

MAKE  
YOUR  
OWN

3D  
MODEL



## SUMMER ~~AT~~ *with* THE MUSEUMS

Kettle's Yard is a house and a gallery full of art and objects that catch the light and create different shadows and reflections. Make your own hanging mobile inspired by artist Gregorio Vardanega to see what shadows it creates.



*Spherical Construction  
by Gregorio Vardanega*

### YOU WILL NEED:

- Paper plate (or cut a circle out of card or packaging)
- Scissors
- Pencil
- String
- Tape



1. Take one paper plate.



2. Fold it in half and half again.



3. While folded, draw curved lines as shown above - **THE LINES ONLY TOUCH ONE FOLDED EDGE.**



4. Cut along the lines you have drawn - careful to only cut one edge!



5. Open out the plate.



6. On one half of the plate, lift up every other piece as shown.



7. On the other half, lift up the opposite pieces as shown.



8. Attach a piece of string to the top.

Decorate your plate so that each side has a different colour. Hang it somewhere to spin around and watch the shadows it creates or hang it against a window, and see what is revealed through the gaps.

