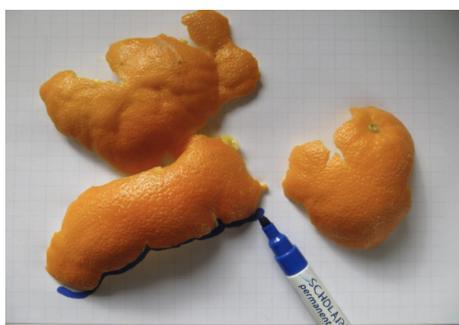**You will need:**

- An orange
- A plastic knife to get the peeling started
- 1cm square grid pape

What to do:

1. Use the plastic knife to make a small cut in the orange skin close to the top.

2. Peel the orange carefully. Try to keep the peel in one piece. It is not a disaster if you end up with a few pieces.

3. Lay the peel down flat on your sheet of grid paper and trace around it.

4. Find the area of your orange peel by counting the number of squares it covers. 1 square is an area of 1 square centimetre so give the total area in cm2. How will you get the area as accurately as possible?

5. Compare the area of your orange peel with those of your classmates. Are the areas the same or different? Why does that happen?

Challenge:

Find the formula for surface area of a sphere online.

Use the formula to estimate the surface area of your orange.