Flower Footprints
Activity Sheet

How many flowers can you fit inside your footprint?

You will need
- an old cereal box/piece of scrap cardboard
- a pair of scissors
- a pencil or marker pen

1 Lay your piece of cardboard on the ground and draw round your foot. Then carefully cut it out.

2 Next, decide where you are going to place your cardboard cut-out of your foot.

Note to Parents:
Think about how your child(ren) will pick the best place. Will they simply look for the biggest clump of flowers?

Why not get them to work in a straight line and do a more standardised approach to gathering the data or throw their foot template to get a random sample?

For younger children, simply the act of counting flowers will be a good challenge in itself. It is also fun to find out how many flowers will fit inside a footprint.

3 Now count all the flowers in your footprint. Choose another spot and try again. Do you have more or fewer flowers this time?

4 Carry on until you have counted the flowers under 10 different footprints. What was the greatest or smallest number of flowers under one footprint?

Take it further
Work out the mean, median, mode and range of your data set. See how many different plants you can find under one footprint and then work each of them out as a percentage or a fraction.