

Tower challenge

Take ten A4 pieces of paper. Doesn't matter what is on them – dig out the recycling!

Using any folding or rolling technique you like, make the tallest tower you can. No other resources are allowed and it must be freestanding!



Once you have built your tallest tower, measure it. Use a tape measure or ruler if you have one, or if not, use any other resources you have at home.



What is the tallest tower you can make?

Do you think if you had 20 pieces of paper you could double the height? Can you compete with someone else at home to make the tallest tower with 5 pieces of paper each?

Venn diagrams in nature

Collect lots of natural objects together when out for daily exercise or in your garden. How could you put them into categories? An easy way to start is to think about opposites; flowers vs leaves, long sticks vs short ones.

Can you put your natural objects into venn diagrams like the ones below? Whatever features you choose, there must be some objects that have BOTH and can go in the middle!

