

1. Your challenge is to make a bridge that can go across a gap that is at least 30cm long. If it has been raining, you could try to build your bridge across a puddle. You can use materials that you find outside, junk modelling resources and string. How are you going to join the materials together to make a stable bridge? You could use sticks and tie them together in bundles or perhaps find some pebbles and practise your stone balancing skills in order to create the supports. Can you balance anything in the centre of your bridge? How much weight can your bridge hold?



2. Challenge your grown-up to an Estimation Contest! Start by deciding on the challenge and both you and your grown-up need to make an estimation. You could estimate how many stones you can fit in your hands, how many leaves there are on one branch of a tree or how many birds you can spot in 2 minutes. You could also take handfuls of natural materials, put them in front of you and give yourself 5 seconds to write down an estimate of how many you think there are. This could be done using sticks, stones, blades of grass, leaves etc.



3. Can you make a tall tower using materials you find outside? Perhaps you could stack sticks, balance stones or use mud and leaves to create your own cement. Test out lots of different natural materials to find out which works best. Which material allowed you to make the tallest tower? Which tower was the most stable? Why? How do you know?

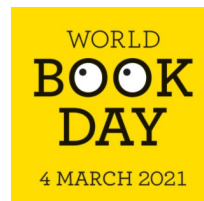


Challenge – use a ruler or a tape measure to measure the towers and compare their heights.

4. Celebrate World Book Day in style by spending the week going outside to engage in some literacy inspired activities.

You could:

- Read your favourite book outside.
- Make your favourite book character using things you have collected from your garden.
- Use the outdoor area to act out your favourite story.
- Explore woodland or tree covered areas as part of a Bear Hunt or Gruffalo Trail.



5. Warmer weather is on its way and the first signs of Spring are starting to poke their heads above ground. Take a walk in your local area and see how many Spring flowers you can spot. At this time of year, they are important as a source of food for many creatures that are emerging after a long, cold winter – so remember not to pick them. Look closely though as you might see some insects visiting the flowers. Which was your favourite flower and why?

