

LEARN AT CHESTER ZOO

MAKE A BOTTLE PLANT POT

MAKE & TAKE
ACTIVITIES

Equipment List



Plastic bottle
(clear is best)



String



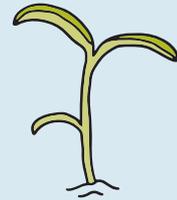
Scissors



Chopping board



Compost



Your favourite
seedling

As the plant takes up the water it will move along the string.
Don't forget to fill up the reservoir if all the water is gone.

Why not use these homemade pots to **conduct an experiment** comparing how much water different plants need? More details are to be found in Round Four, Plan an Experiment.

Top tip

Fill the reservoir with a set amount of water, e.g. 100ml and then use a marker pen to indicate this level. You can also use measuring jugs to fill up the reservoirs with a set amount of water if you prefer. The markings on the side of the reservoir allow you to take measurements.

LEARN AT CHESTER ZOO

MAKE A BOTTLE PLANT POT

MAKE & TAKE
ACTIVITIES

Step by step guide

- 1 Using a sharp pair of scissors, cut your bottle in half. (Children may need adult supervision with this!)
- 2 Remove the lid from the bottle and pierce a hole through the centre of the lid, using the chopping board as a safe surface.
- 3 Cut a suitable length of string and feed through the hole you just pierced, tying a knot on the inside of the lid.
- 4 Replace the lid on the bottle.
- 5 Pour water in to the bottom half (reservoir) of the bottle.
- 6 Fill the top half of the bottle with the peat free compost and your chosen plant, making sure you press the compost down gently to settle in the plant (watering it will also help settle the plant).
- 7 Place the top half of the bottle, now containing your plant, so that it rests inside the bottom half of the bottle, ensuring the string sits in the water.

