



Hedgehog Bottles

This activity is designed to be paired with the hedgehog nests activity and should be completed the session prior to 'hedgehog nests'.



You Will Need:

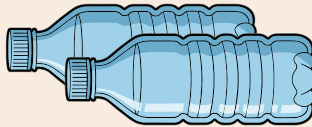
Paper and glue



Paint



Two Recycled Plastic Bottles with lids



Activity Plan:

1. Clean and dry your plastic bottle.
2. Get creative and paint or decorate your bottles to make it look like a hedgehog. You could paint directly onto the bottle or paper mache them first. *Make sure you can still open the bottle to fill it with water and that the bottles are decorated the same to ensure that 'Hedgehog Nests' is a fair test.*





Hedgehog Nests

You Will Need:

Leaves



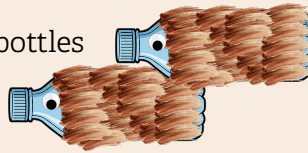
Soil



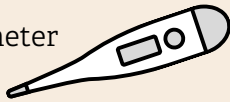
Grass/hay



Two Hedgehog bottles



Thermometer



Warm water



Pen and Paper



Activity Plan:

1. Discuss why animals build nests and why it is important to stay warm.
2. Have a go at building a hedgehog nest. *Your nest MUST be big enough to fit your hedgehog bottle in.*
3. Fill your bottles with warm water (hedgehogs warm blood) and measure the temperature of each. Place one of the bottles in the nest.
4. Monitor the change in temperature over the next 30 minutes or so. *If adapting for an older audience you could use the results sheet included in the download.*
5. Discuss which hedgehogs kept the warmest. What nesting materials were they in? Why might it be important not to clear all the leaves from a garden? How else could you support hedgehogs nesting?





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