Moors Valley
Country Park and Forest

FAMILY FUN FRIDAYS

Water filter challenge

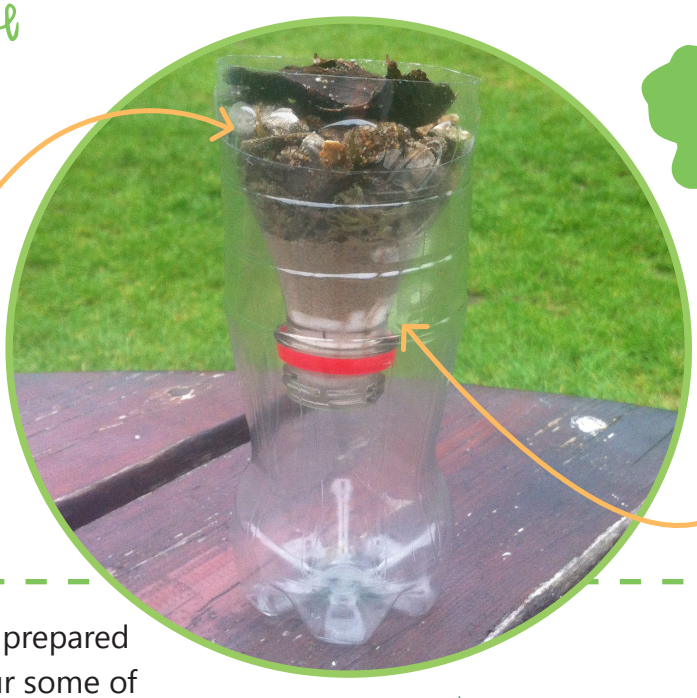
Test your survival skills and challenge your friends to see who can make the best water filter using natural materials.

You will need

An empty plastic bottle for each person, a pair of scissors and a container of muddy, dirty water.

How to make

1. Cut off the neck of the water bottle and rest it upside-down inside the bottle, like a funnel.



2. Fill the funnel with your choice of natural materials

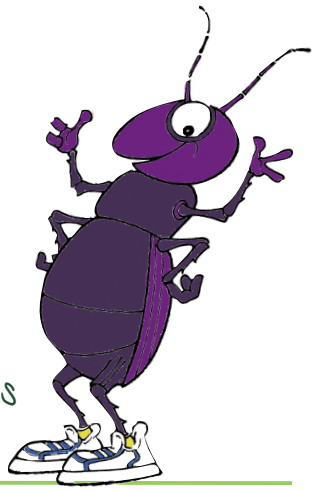
Top Tip: Try thin layers of different materials in your filter with the largest sized material at the top and finest at the bottom.

When everyone has prepared their water filter pour some of the muddy water in and leave the filters to work.

The winner is the person with the cleanest water in their bottle at the end.

Who has made the cleanest water?

What materials worked best? Which of these have you tried...



Produced by Rangers from East Dorset District Council

www.moors-valley.co.uk/letsgowild

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