

CLEAN CARBON!

ASK FOR HELP!

Stay safe as you learn
by asking a grown-up to
help you



Forget cleaning spray and sponges. Squidge & Snap use activated carbon to keep their tank squeaky clean and they want to show you how!

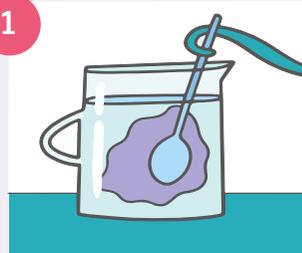
you'll need :

- carbon/activated charcoal
- 2 x containers/glasses
- a funnel
- filter paper



How it's done

1



Pop some water into a container or jug and mix in some food colouring

2



Put the filter paper in your funnel...

3



and place a good amount of carbon inside it

4



Place the funnel over the beaker

5



Pour your brightly coloured water through the funnel

6



Watch it drip down and be much fainter in colour

How it works

Carbon is filled with tiny microscopic holes called pores. Just 3g of carbon (that's less than a teaspoon) has a surface area of an entire football pitch! These pores help to trap microorganisms and other nasties like pesticides that we don't want in our water. At our Purton and Littleton Treatment works, water flows through carbon-filled sandpits helping to make it clean and safe to drink before it reaches your taps. See our World Beating Water worksheet at bristolwater.co.uk/education-toolkit

NICE!