



Beckton & Royal Docks Children's Centre Tip Sheet

Fizzing rocks

What you need:

Water

Bicarbonate of soda/baking soda

Vinegar

Food colouring



Instructions

Mix some water with the bicarbonate of soda, I used a whole packet of bicarbonate of soda and just added water slowly until i had a very thick paste type mixture.

Add a few drops of food colouring, mould into rock shapes and leave to dry for a few hours.

Once the rocks have hardened, add vinegar very slowly and watch as they fizz and dissolve.

The Science bit

Vinegar (an acid) and bicarbonate of soda (an alkali) react together to neutralise each other. This reaction releases carbon dioxide a gas which is the bubbles you see.

Other ideas

Make one big rock and see how much vinegar is needed to totally dissolve it.

