



Crackle and pop bath salts



What to do...

Mix together some Epsom salts and popping candy. (You can also add colouring and scents, but these must be cosmetic grade products to ensure that they are safe).

Put the salts in your bath and listen!

It is best to run the bath first, and add the salts when it is ready so that you can hear them clearly.

Make sure you store the salts somewhere dry in an airtight container, otherwise they will start to react with moisture in the air.

How it works...

Popping candy contains carbon dioxide bubbles. When they come into contact with water, the sugary solid containing the carbon dioxide dissolves so the bubbles pop. This is why the candy pops on your tongue, and makes a crackling sound in the bath.

Things to talk about...

(describe things to younger children, and discuss them with those that are old enough)

What will happen when the salts hit the water?

Would Epsom salts on their own make a crackling sound?

How many cracks and pops can you hear?

Do the pops happen as soon as the salts hit the water, or does it take longer?

How long does the popping continue once you've dropped the salts in?

