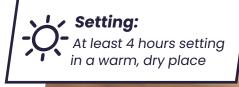


MAKE YOUR OWN BATH BOMBS!

How can you make a bath bomb using science & engineering?

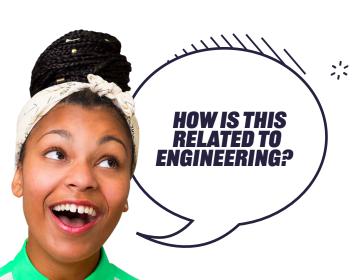
For 4 bath bombs





: INGREDIENTS:

- 100g bicarbonate of soda
- 50g citric acid
- 25g cornflour
- 2 tbsp oil (sunflower, olive oil, or coconut oil)
- ¼ tsp essential oil
- a few drops of liquid food colouring
- 1 drop of water
 (be careful anymore will take longer to set)
- Pinch of salt
- Optional: orange peel, lemon peel, lavender, petals, glitter, peppermint, to personalise



YOU WILL ALSO NEED:

- A mixing bowl
- A whisk
- Moulds











I became an Aroma Chemicals
Creative Buyer, sourcing and
creating the natural and synthetic
chemicals for fragrances of Lush's
soaps, bath bombs, shampoo
bars... and everything else! I got
to travel abroad, across Europe,
Brazil and the USA to find the
best materials and ingredients."

Olivia Sweeny Chemical Engineer



Olivia Sweeny has been voted one of the top 100 most influential women in engineering

:: METHOD:

- Add together the bicarbonate of soda, citric acid, cornflour and salt in a bowl and mix.
- 2. Pour the base oil (sunflower, olive, coconut), essential oil and your food colouring into a separate mixing bowl. You may want to wear gloves or use a pestle and mortar. It is important to mix everything well.
- 3. Gently start to add the oil mixture into the dry ingredient's mixture a little at a time. Keep mixing as you add. Once all the oil is added, add a few very small drops of water from a measuring cylinder, cup or pipette.

- **4.** The combined bath bomb mixture should slightly clump together like a sandy paste. Make sure it's not too wet as it will take longer to dry.
- **5. Optional:** If you are adding extra decoration, you can put them into the bottom of your mould. Pack your mixture, like a sandcastle, tightly so it feels as though the mould will hold.
- **6.** Leave your bath bomb in the mould and allow it to dry for 4 hours. The drier and warmer the space, the better.
- **7.** Once dried, you have a fully working fizzy bath bomb!

