

# Make fizzy dino eggs

Go on a journey to the Jurassic this Easter and make some prehistoric eggs with a science twist.



## What you need

- 340g bicarbonate of soda
- 170g dry citric acid
- 170g Epsom salts
- 2 tsp water
- 2 tsp essential oil (lavender or eucalyptus)
- 5 tsp olive oil
- 2 bowls
- Latex gloves
- Spoon
- Easter egg moulds
- Small toy dinosaurs

## How does it work?

Dinosaur eggs came in lots of shapes and colours. Scientists know that *Deinonychus* (a relative of the *Velociraptor*) laid eggs with blue-green colour, while *Troodon* (a carnivorous bird-like dino) had eggshells of blue-green, beige or white. You can leave your eggs white or add food colouring to make different colours. When you pop them into the bath, a chemical reaction occurs. The baking soda and citric acid react with each other in water, producing a gas called carbon dioxide (CO<sub>2</sub>). This is what makes bath bombs foam, and it's also the gas that makes your fizzy pop fizz. As the chemicals react, the gas creates lots of bubbles, the egg dissolves and your dinosaur emerges.



**1** In one bowl, mix the bicarbonate of soda, dry citric acid and Epsom salts together with a spoon. In another bowl, mix water with the essential oil and olive oil.



**2** Carefully add the wet mix to the dry mix, one spoonful at a time. Wearing gloves to avoid skin irritation, mix the two parts together with your fingers.



**3** Spoon your mixture into an Easter egg mould. Fill half the mould then push a toy dinosaur into the centre. Fill the other half and close the Easter egg. Leave to set.



**4** Carefully remove your dino egg from the mould (you might need an adult to help you). Then, pop it into the bath and watch the prehistoric monster hatch.