

AWE AND WONDER

SCIENCE CHALLENGE

Soap Bubbles Prints

You will need:



Ready mix
paint

Shallow tray



Water



Brushes



Washing-up
liquid



Straws



White
paper



Paint pots

Method:

1. Mix together, $\frac{1}{3}$ ready mix paint, $\frac{1}{3}$ water and $\frac{1}{3}$ washing up liquid in a paint pot.
2. Pour into a shallow tray.
3. Take a straw, place into the liquid and begin to blow, make sure not to suck otherwise you'll end up with a mouth full of paint!
4. Move the straw around creating bubbles.
5. Once the tray is full of bubbles take a sheet of paper and lay it carefully on top of the tray pressing down gently.
6. Lift it off and see the print you have created of the bubbles.



The Science Bit

Because washing up liquid can hold air inside its bubbles when you blow air in to the mixture it stays there creating lots of coloured bubbles. Because there is water in the mixture when you put paper on top of it the water is sucked into the paper, leaving a print.