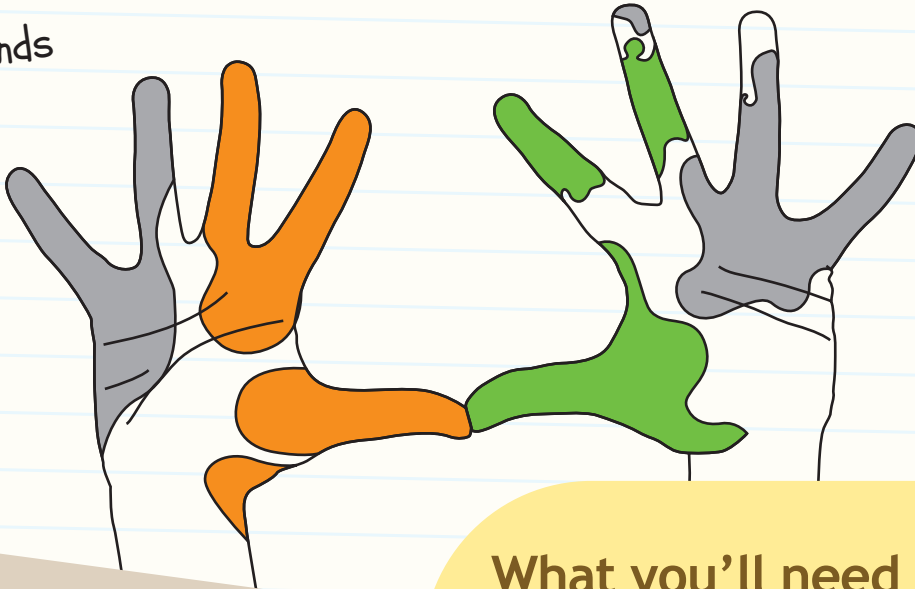


# Soapy solutions

Messy hands



## Aim of activity

Doing DIY can get messy, but you can experiment with simple ingredients to make super soaps to get rid of grime, grease and paint.

## What you'll get out of it

- Experiment with ingredients
- Make a useful item
- Work as a team

## What you'll need

- Bowls, 2 per Six
- Cups
- Vegetable or baby oil
- Table salt
- Teaspoons
- Poster paint (optional)
- Washing-up liquid
- Water
- Small travel-size bottles (optional)
- Baby wipes
- Kitchen roll (to clean up any spillages)

## Note to Leader

Make sure your Brownies don't have any skin allergies or sensitivities the ingredients could aggravate.



DIY



15 mins



Jump straight in



WE DISCOVER, WE GROW

Girlguiding



Hands covered in paint? Or grease? You'll need different soaps for these different DIY disasters. Follow the steps to learn how to make two 'soaps' to clean your hands after doing things like painting your room or fixing your bike chain.

## What to do

- 1 Get into your Sixes and sit at a table with a bowl.
- 2 Your Leader will bring round a cup of oil and a cup of salt to each Six.
- 3 To make your first soap, take turns to add one spoonful of oil and one spoonful of salt to the bowl.
- 4 Time to get messy! Give the goo in the bowl a gentle stir with your fingers - what does it feel like? The salt is a great way to scratch paint off your hands, and the greasy oil also helps lift off the paint.

## Top tip

You could put a small drop of paint on your fingertip after step 4 and try using your soap. Does it work?

5 When you've all given the soap a good try, wash your hands and go back to your table.

6 Now it's time to make the second soap! Your Leader will bring your Six a new bowl and a cup of washing-up liquid. Take turns to put a spoonful of salt into the bowl.

7 Everyone now adds a spoonful of washing-up liquid.

8 Finally, your Sixer can add one spoonful of water (or two if there are more than four people in your Six).

9 Again, carefully stir your mixture with your fingers. Washing-up liquid is great at getting rid of grease - that's how it gets our dishes so clean when they're covered in cooking oils. Put some oil on your fingertips and try using your new mixture to get it off.

10 Give your hands a good wash. Your Leader can bottle up the soaps to keep, or she can throw them away. One thing to remember - cooking oil should always be put in a bin, not poured down the sink.

## Take it further

Try adding different amounts of the ingredients and see what the results are like. You could also compare different scratchy ingredients like sugar or coarse sea salt with the table salt.