

GERM EXPERIMENTS: POWER OF SOAP

WHAT YOUR CHILD WILL LEARN

Education - The aim of this activity is to help children to understand the importance of soap and how it is used to eliminate germs. Since germs are not visible to the naked eye, it is harder for children to understand that there are germs on our hands that need to be washed away. These activities allow the children to 'see' the germs moving away. At the end of the experiment, get your child to draw what they see!

There are 3 fun visual experiments that teach children the power of soap and how it makes germs slippery. You will be using different things to represent the soap and germs.



LET'S
EDUCATE!

PERFECT
FOR
AGES 3-6

INSTRUCTIONS

Experiment: Germs in Milk

What you will need:

- Full fat milk
- Green food colouring
- Cotton buds
- Plate
- Bowl
- Washing up liquid

Method:

1. First let's pour out some milk into a plate, with just enough to cover the bottom of the plate.
2. Now in another little bowl, mix some washing-up liquid with some water.
3. Leave out a few cotton buds, and some bottles of food colouring, preferably green to represent the germs.
4. We are now going to put some drops of food colouring into the milk. Can you see where the drops have landed?
5. Now dip a cotton bud into the washing up liquid solution and touch the milk to see what happens. What can you see? Do you see the green food colouring moving away from the soap?

Experiment: Pepper Vs. Soap

What you will need:

- A small bowl of water (one for each child would be best)
- Ground black pepper or dried herbs
- A small bowl of soap (everyone can share)