

Year R

Glitter Hands

This lesson was written in January 2021 and reflects information available, and guidance issued at the time.



Objectives:

- To recognise that a virus spreads through touch.
- To identify washing hands with soap as an effective measure of preventing the spread of the virus

Curriculum Links:

- **Understanding of the World:** explain why some things occur, and talk about changes

Key Vocabulary:

- germs
- virus
- spreading germs
- (contaminated)

Resources:

- PowerPoint
- Glitter
- Shallow trays/bowl
- Soap/washing up liquid
- PVA glue
- Paint

*(Optional)

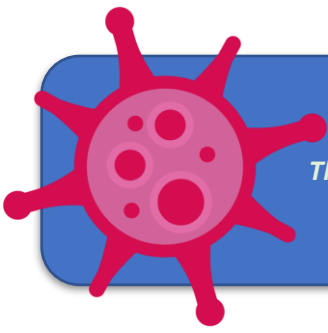
- oil
- Washing up bowls

FAQs:

How long should we wash hands for? 20 seconds (sing Happy Birthday song twice!)

Why do we need to use soap? It's important to use soap and warm water to wash our hands, as the coronavirus likes to stick to our skin using the natural oil we have on our hands. Soap breaks up this oil (which is why our hands can feel dry sometimes after we wash them), and then the warm water can wash the virus germs down the plughole.

Can we just use hand sanitiser? Soap and water is still the best tool for washing hands. If we don't have access to soap and water, for example when we are going shopping, we can use hand sanitiser. The alcohol in hand sanitiser also breaks down the oily "shell" and kills germs on our hands.



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Introduction:

5 mins



This lesson's video introduction - puppet Bubbles will look at how the virus spreads through touching surfaces.

Washing your hands is the best way to stop the virus from spreading. Think about all of the things that you touched today.

Talk about how soap helps to kill the virus.

Mention that sometimes we use Hand Sanitiser, when we don't have access to Soap and water. The alcohol in Hand Sanitiser also breaks down the oily "shell" and kills germs on our hands.

Main Activity:

20 mins



Demonstration: Glitter (or pepper) in a bowl and put a soapy finger in, to demonstrate germs "fleeing" from the soap.

Experiment: why is using soap important.

You will need: 3 trays with some glitter, PVA or paint, liquid soap

Test by dipping your finger in the tray, what happens? (glitter sticks to finger)

Now test by dipping your finger in some PVA glue or paint and putting it in the tray - what happens to glitter?

Test again using soap on the finger - What happens? Why?

Plenary:

5 mins



- Children to explain what happened during their test
- Explain how soap works, using own words
- Remind how long to wash hands for and the correct hand washing technique (can use a favourite tune and sing "wash your hands" to it)



Possible Extension Activities:

- In small groups, children get some vegetable oil on their hands, then try to wash it off in a washing up bowl with just water (hands still oily), then in a washing up bowl with soapy water.