

# Glitter Hands

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



## Objectives:

- To describe using information from simple observations how a virus spreads through touch.
- To identify washing hands with soap as an effective measure of preventing the spread of the virus
- To explain in simple terms why using soap when washing hands is important for limiting the spread of the virus

## Curriculum Links:

- **PSHE - H5.** Children learn simple hygiene routines that can stop germs from spreading
- **Yr1&2- Science:** observing closely, using simple equipment performing simple tests.

## Key Vocabulary:

- germs
- virus
- spreading germs
- (contaminated surfaces)

## Resources:

- PowerPoint
- Glitter
- Shallow trays/bowl
- Soap/washing up liquid
- PVA glue
- Paint
- \*(Optional)
- oil
- Washing up bowls

## FAQs:

**Why do we need to use soap (not just water)?** 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.

**How long should we wash hands for? How often?** Wash your hands often, and after touching surfaces, for 20 seconds.

Year 1-2

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## Introduction:

10 mins



This lesson's video - 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 (see answer above).

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:

15 mins



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

Test: why is using soap important.

3 trays with some glitter:

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

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

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

\*Optional: Record your findings as a whole class

## Plenary:

5 mins



- Children to explain what happened during their test
- Can they explain how soap works?
- 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 or in pairs, children get some vegetable oil on their fingers, 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, or race against each other to see whether just water or soapy water will be the quickest to wash the oil off.