

Individual Activity Lesson Plan - People who help us

Date: Thursday 30th April 2020

Activity Title: Detectives – Fingerprint Science

Learning Intention: To know and recognise that some things make us unique.

Links to EYFS:

Understanding the world: People and the communities:
Knows some of the things that make them unique, and can talk about some of the similarities and differences in relation to their family.

Resources:

- baby powder/flour/powdered sugar/ink pad/play dough
- Paper/card, black/blue
- magnifying glass/glasses/bottom of a glass
- Sellotape pieces/strips
- make-up brush/soft paint brush
- door handle/glasses/handle of fridge/iPad (anything around the house)

Activity Overview:

Print your own fingerprints and investigate if other fingerprints can be found around the house.

Key vocabulary:

Fingerprints, unique, investigate, find, dust, magnify glass, stick, brush, peel, careful, use, similarities, differences, describe, pattern, repeat, copy, create, continue.

ACTIVITY IMPLEMENTATION (including key questions)

Introduction:

- Introduce the theme and discuss how it links with the people who help us. For example Police/Detectives use fingerprints.
- Give your child an opportunity to explore and investigate the resources whilst sharing their thoughts.
- How can we make a print of our fingerprints?
- What could we use? Where could we find fingerprints? Door handle, glass or fridge, etc...



Main Activity:

- Model using the resources to take a print of your fingerprint. Verbalise your thinking:

This is very exciting...I'm going to sprinkle a little baby powder onto the table and then I'm going to gently press my finger onto the powder and hold it for a second. Then I'm going to carefully lift it and print it onto the Sellotape. Look at that, WOW! Would you like to have a go...'

- Challenge your child to then copy and print their own fingerprints.
- I wonder which finger you will use next e.g. thumb, little finger...
- Can you describe the pattern on your fingerprint? And on my fingerprint? Can you see lines, swirly lines, straight line or shapes e.g. oval? Are our fingerprints the same or different?

Challenge:

Invite your child to compare the fingerprints of other family members using a magnifying glass (or alternative) to see if they are the same, different or unique.

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Additional ways to support your child:

- Examine your fingers closely and describe what you can see. For example, I can see swirly lines, they are close together or apart and they look like mountains. Test ideas and the resources and get everyone at home involved to print their fingerprints and have fun!



Extension:

- Invite your child to go on a 'spy mission' to see if you can find any other fingerprints around the house. For example, look in the kitchen: are there any fingerprints on surfaces?
- Gently tap some powder onto the area using a make-up brush (not to brush it too hard as it will brush the prints away). Use the Sellotape to cover the powdered area and peel. Then place it onto the blue (or coloured) card so you can see if there are any prints.

