

Exploring Fingerprints



All About Me

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Preschoolers
2.5 - 4 years

Exploring fingerprints is a fun way to show your child that they are unique in a cool way! This is an easy science experiment that will not only touch on your child's emotional side of knowing they are different but will also build their cognition.

Learning Outcomes

Domain:

Emotional

Indicator:

Talking about their personal characteristics

Skills:

Self-concept



Materials

- White paper
- Watered Down paint OR Inkpad
- Magnifying glass



Instructions

Step 1: Water down a little bit of paint. Not too much or it will run OR Have your child press one finger in the inkpad.

Step 2: Gently roll the finger on a blank piece of paper.

Step 3: Repeat until you have done all ten fingers.

Step 4: Under a magnifying glass, look at the prints and talk about their patterns.

Step 5: Do your own fingerprints for comparison (optional).

Pro Tip: If the ink is coming out runny then use a scrap piece of paper to take off the excess ink.



Age Adjustments

For older preschoolers: Have them get more in-depth with this activity by comparing their fingerprints to other people's prints.

For younger toddlers: Let your child explore the fingerprint and then have them draw around it to make it into a bug or flower.



Playful Questions

- What is similar about your fingerprints and mine?
- What is different?
- Do you see a pattern in the fingerprints?
- Which finger is this fingerprint from?
- How many lines do you see in this fingerprint?

_____ 's Finger Print Record

Left Hand

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Thumb

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Index

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Middle

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Ring

--

Pinky

Right Hand

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Thumb

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Index

--

Middle

--

Ring

--

Pinky

