



RANDOM ACTS OF SCIENCENESS

Lesson: Fingerprinting

CURRICULUM REFERENCE: Human Organ System

LESSON OBJECTIVE

To discover the similarities and differences in every human fingerprints.

VIDEO: <https://youtu.be/l-bsyizAuew>

THE SCIENCE BEHIND

While scientists don't know exactly why we have fingerprints, they do have a few theories. They also know that everyone's fingerprints are different. While we all have unique fingerprints, they do fall into three main categories: arches, whorls, and loops.

VIDEO: <https://youtu.be/3lvrDPgljOA>



FOLLOW-UP QUESTIONS

1. Are we able to change our fingerprint?
2. What type of fingerprint do you have? Arch, whorl, or loop?

LEARNING OUTCOMES

- Describe an adaptation as a characteristic body part, shape, or behaviour that helps a plant or animal survive in its environment.



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MATERIALS (PER PERSON)

- White paper
- Coloured ink pad
- Clear tape

INSTRUCTIONS

1. Place one finger onto the ink pad.
2. Then transfer that same finger onto the white paper.
3. Place a piece of clear tape over the ink still left on your finger and then stick the tape onto the white paper.
4. Examine your fingerprint and determine what type of fingerprint you have.

VIDEO: <https://youtu.be/Txj2CCYQsc8>

