



SfS Away from the Classroom!

AP22: Fingerprinting (Recommended for Grades 3-6)

Please use the following resources to learn about fingerprinting!

Watch this Video: <https://www.youtube.com/watch?v=WZL7OpFq0fw>

Answer these questions:

- When are fingerprints formed?
- The general shape of fingerprints are genetic. What makes fingerprints unique?
- What can fingerprints tell you?

Activities: Follow these directions to take your own fingerprints and analyze them.

You will need:

<ul style="list-style-type: none">• Colored paper• Graphite pencil	<ul style="list-style-type: none">• Clear packing tape• Your fingers
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1. Use the pencil to make a very black surface on the paper.
2. Rub the fingertip you want to 'print' hard on the paper until it's all black.
3. To lift the print, place a piece of tape over the fingertip, rub it and then gently lift the tape off.
4. Place the piece of tape on a clean piece of paper to see the print.
5. Compare your fingerprints to others in your family to see how unique they are!

Use this [fingerprint analysis](#) guide to see what shape your fingerprint is and try your hand at fingerprint analysis!

Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** All fingerprints are unique.
 - **Evidence:**

 - **Reasoning:**

2. **Claim:** Fingerprints can be used to identify individuals.
 - **Evidence:**

 - **Reasoning:**

