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:

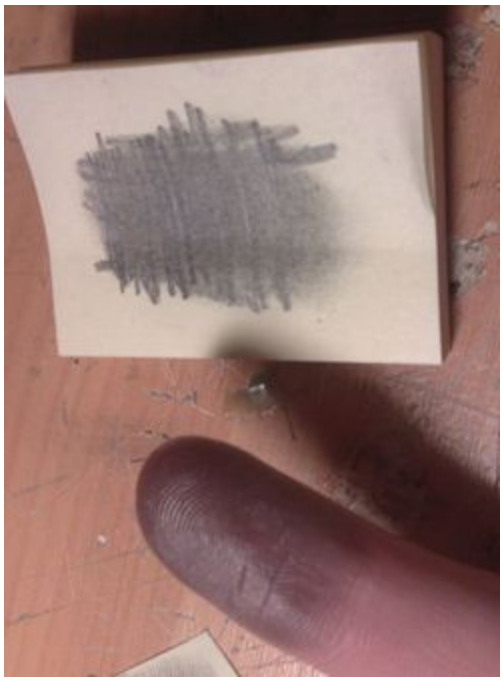
• colored paper • graphite pencil	• clear packing tape • your fingers

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 its 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**:



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