

Directions

1st – Roll the “pad” portion of your thumb over the pencil ink pad from the left side of your thumb to the right. You do not have to push down really hard!



2nd – Place the sticky side of the tape over the pencil on your finger and lift the print. Tape the print to the correct finger on your paper.

3rd – Continue this process to make a fingerprint of all ten fingers on the paper.

4th – Use your notes and a magnifying lens to help you figure out what type of pattern is found in each of your fingerprints. Label each one with the pattern’s name.

Analysis

1. Does a person have to have the exact same print pattern on each finger? Are each hands symmetrical? Do any repeating patterns on your hand have any difference? (i.e. 2 different loops)
2. What is your ratio of arches:loops:whorls?
3. Compare and contrast your prints to another person in the class. (This should be 5-6 well developed sentences).
4. **DATA ANALYSIS:** Identify a questions related to fingerprints and collect data that can answer that question. Create a table for your data. You should poll at least 20 people in the class.
5. Create a graph that best represents your data. Create a caption that describes any trends observed (or not.)