

## CLASS DATA FINGERPRINT LAB

Write a full lab report. If you do not know how to write one, see the lab report format instructions on MOODLE.

Purpose – (you write)

Materials – (you write)

Procedures – (you write)

Calculations and data- For this lab you must include the following:

1. Graph showing the number of fingers with arches, loops and whorls
2. Calculated average (%) of fingers with arches, loops and whorls
3. Graph showing the number of BOYS' fingers with arches, loops and whorls
4. Calculated average (%) of arches, loops and whorls found in boys
5. Graph showing the number of GIRLS' fingers with arches, loops and whorls
6. Calculated average (%) of arches, loops and whorls found in girls

Lab Questions- Answer each question below in complete sentences

1. When are fingerprints formed?
2. Can fingerprints be filed off or burned off with acid? Explain.
3. Looking at your class data, which type of print shows up the most? The least?
4. Describe any gender differences you observed in your data – did gender make a difference?
5. Research – Look up the percentage of arches, loops and whorls in the world. How do our class percentages compare? Are we pretty close to world percentages? (include all percentage data in your answer for full credit)

Final Summary/Conclusions

Write at least one paragraph that expresses your conclusions and thoughts. Include a discussion of the concepts and vocab words associated with this lab. DO NOT JUST REPEAT THE PROCEDURE TO ME.