Fingering Practice

Equipment Needed	Consumables
• *Intel QX3+ Computer Microscope ™*	• none required
• soft pencil	• clear sticky tape
• fingerprint information sheet	• paper
	• overhead acetate (cut in strips)

Procedure:

Launch the microscope software. Make sure the microscope has been set at 10X before starting to use it. Make sure the upper light is on.

Use the pencil to colour a solid area with graphite. Smear your fingertip in the pencil lead until it is covered. Carefully place a strip of sticky tape over your fingertip. Press it on firmly and smoothly. Peel the tape off your finger and stick it to the strip of overhead acetate.

Use the fingerprint information sheet and the microscope to examine your fingerprint and identify some unique characteristics.

You can repeat this procedure for all 10 fingers, if desired.

Make observations about the appearance of your fingerprint, including your classification.

Compare your fingerprint to those of your classmates. Graph the frequency of the three basic shapes of fingerprints. Is there one type of fingerprint that is most frequent?

Additional questions: Could you have different types of fingerprints on different fingers? Do fingerprints change with age?

Fingering Practice Observation Sheet

Name _____

Include notes, diagrams and details about your fingerprint(s). In the bottom section of the chart, make some comparisons with other students' fingerprints.

Finger: _____	**Finger:** _____
Comparisons	

Copy and paste any other digital images on another page to include with your observations.