

Lab Handout

Important procedures to follow for the lab practical:

- Collect all evidence from the crime scene using the techniques discussed in class. Transport all evidence to the lab.
- Determine which tests need to be performed and what materials you will need. You can refer to your notes from the unit to help.
- Conduct all lab work, making sure you record all of your results for your lab write-up.
- Compile your data and determine who the school invader was.
- Write a complete lab report following the template that will be provided.

The following is a list of the topics discussed from this unit.

- Toolmarks
- Fibers
- Fingerprinting
- Glass Density
- DNA and Blood Typing
- Soil Analysis
- Ink Analysis and Thin Layer Chromatography

Lab Report Handout

The following is a list of sections that must be included in your lab report. A short description is included for each section. Lab reports should be typed and double-spaced.

Title - The name of the lab.

Hypothesis - What you believe the outcome of the lab will be.

Procedures - Sequential steps describing how you carried out the lab. Be specific and to the point in this section.

Data - All results from your experiments. Make sure all results are labeled with the experiment conducted and the outcomes. Include graphs and charts in this section.

Conclusions - Draw conclusions based on your lab. This is where you will identify the school invaders.