

Lab Investigation

Students use the Seeing Reason mapping tool to help them better understand the process and results of their labs. This can be done for any of the forensic lab investigations. The example below shows a map for a fiber test. In the fiber test lab, the students tested cotton, silk, polyester, and rayon for their reaction to flame. The relationship lines in the map show the effect of the different tests on each of the materials. Students then tested an unknown fabric to compare its reaction to a flame in order to determine which fabric it matched. The test showed the fabric was cotton.

