

	The activity topics are as follows:
Activity	Topic
Introduction	The opening audio CD &/or script sets the scene of the crime & introduces students to the 6 suspects they will be investigating. This is the students' first chance to get information on each suspect. Note taking is recommended.
Activity 1 - Fingerprints	<p>Training: Students learn the basic patterns of fingerprints. Students will have to spot the differences between very similar fingerprints.</p> <p>Case Study: Students will have to use the knowledge they have learned in the training to analyze fingerprint evidence and how it relates to the case study.</p>
Activity 2 - Fiber	<p>Training: Students will use a microscope to analyze the differences between natural and synthetic Fibers and to understand how Fibers can be used in forensic analysis.</p> <p>Case Study: Fiber samples have been discovered at the crime scene. Students will apply the knowledge they have gained in the fiber evidence in an attempt to reconstruct the events that have occurred.</p>
Activity 3 - Footwear Impressions	<p>Training: Students will analyze, through measurement, their own walking styles and learn how the speed of travel would change the foot impressions they would leave behind.</p> <p>Case Study: Students get to cast their own foot impressions to compare with impressions collected from the suspects. Through pattern recognition, students determine which suspect left the impression.</p>
Activity 4 - Tire Impressions	<p>Training: Students learn what information can be gained from examining the tire and the tracks left by the tire. Through observation and measurements, students can identify which tires made which impression and what type of vehicle left a particular track.</p> <p>Case Study: Students examine a tire impression and compare it to the vehicles driven by the suspects.</p>

<p>Activity 5 - Soil Analysis</p>	<p>Training: Students examine a soil sample to determine its properties. (Color, ply, magnetism, composition).</p> <p>Case Study: Understanding that different regions contain different types of soil, students will compare the soil evidence with various regions in the area & to the different suspects.</p>
<p>Activity 6 - Questioned Documents</p>	<p>Training: Students will learn how paper chromatography is used to separate ink (or other mixtures). Students will learn how experts analyze handwriting for origin and forgery. Using measurements and observations, students will analyze their own handwriting.</p> <p>Case Study: By investigating a threatening note for ink composition and analyzing handwriting samples students can identify the true identity of the author of the note.</p>
<p>Activity 7 - Crime Scene</p>	<p>Training: Students will understand the process used by investigators as they follow the procedure from their initial arrival at a crime scene to reconstructing the events that occurred and the conviction of a suspect.</p> <p>Case Study: Students will receive the background and a statement made by each suspect. How will this information affect the investigation?</p>