

# Forensics Academy camp schedule

Monday	Tuesday	Wednesday	Thursday	Friday
<b>INTRO TO FORENSICS TEETH IMPRESSION DATABASE</b> <b>Objective:</b> To learn how teeth patterns help identify suspects. To learn about what makes up a tooth, and the different kinds of teeth.	<b>ANALYZING A CRIME SCENE</b> <b>Objective:</b> To recreate the crime, photograph and bag the evidence and conduct a black light test to reveal substances not visible to the naked eye.	<b>TIRE PRINT ANALYSIS</b> <b>Objective:</b> To learn how tire prints can be used to identify how a suspect fled the scene and what type of vehicle they may have used.	<b>TOOL MARK ANALYSIS</b> <b>Objective:</b> To determine “class” and individual characteristics of a tool.	<b>LIP, TEETH, AND FINGER PRINT ANALYSIS</b> <b>Objective:</b> To compare prints and determine whose lip prints, teeth prints and finger prints were left at the crime scene.
<b>LIP PRINT DATABASE</b> <b>Objective:</b> To learn how lip print patterns help identify suspects.	<b>HANDWRITING &amp; CHROMOTOGRAPHY ANALYSIS</b> <b>Objective:</b> To determine who wrote the note. Using chromatography we will determine what writing utensil was used.	<b>UNKNOWN POWDER ANALYSIS</b> <b>Objective:</b> To learn why forensic scientists use chemistry at a crime scene. To become familiar with tests used to identify unknown substances.	<b>PHYSICAL MATCH COMPARISON</b> <b>Objective:</b> To learn how pieces of physical evidence can be analyzed in order to find pertinent information about a suspect.	<b>REVIEW ALL EVIDENCE AND MAKE CONCLUSIONS</b>
<b>FINGERPRINT DATABASE</b> <b>Objective:</b> To learn how fingerprints are used to identify a suspect. We will create an ID card with fingerprints and we will learn techniques for lifting prints from a crime scene.	<b>DNA (Deoxyribonucleic acid)</b> <b>Objective:</b> To learn what DNA is and how it makes everyone unique. We will extract DNA from strawberries.	<b>SHOE AND HAND PRINT ANALYSIS</b> <b>Objective:</b> To learn how shoe prints can help identify suspects, and how defects in shoes make the prints easier to match.	<b>HAIR SAMPLE ANALYSIS</b> <b>Objective:</b> To learn about the layers of hair and how hair can be used to determine suspects.	<b>SIMULATION OF COURTROOM PROCEEDINGS AND FINDINGS</b>
<b>FORENSIC HANDWRITING</b> <b>Objective:</b> To learn how handwriting analysis is used to identify a person. We will conduct a handwriting experiment and use techniques to identify a someone by their handwriting.	<b>ANALYZING AN UNKNOWN SUBSTANCE</b> <b>Objective:</b> To use our senses to identify a mystery substance.	<b>SIMULATED BLOOD TESTING</b> <b>Objective:</b> To learn about the different blood types people have. We will perform a blood typing test on synthetic blood.	<b>PH TESTING OF LIQUIDS AT CRIME SCENE</b> <b>Objective:</b> To learn about and conduct pH testing on various liquids to determine whether or not they are acidic, basic or neutral.	<b>LOOSE IN THE LAB</b> <b>Parents are invited to visit our forensic lab and see the students demonstrate the various experiments done during the week.</b>