



Westside High School Lesson Plan Template

Teacher Name	Thomas Dohoney	Unit Name	Introduction to Forensics
Course	Forensic Science	Dates	02/20 – 02/24/2023

Monday	
Student Holiday	
<p>Tuesday</p> <p>(11) The student analyzes blood spatter at a simulated crime scene. The student is expected to:</p> <p>(12) The student analyzes deoxyribonucleic acid (DNA) laboratory procedures in forensic science. The student is expected to:</p>	<p>Daily Objective:</p> <p>(D) research methodologies used to collect and analyze other body fluids.</p> <p>(A) describe the structure of a DNA molecule and its function</p> <p>(B) describe the steps used in extraction of DNA</p> <p>(C) explain the analytical procedure for forensic DNA typing, including electrophoresis, polymerase chain reaction, and short tandem repeat</p> <p>Agenda with Approximate Time Limits:</p> <p>Test – Unit 11 (30min)</p> <p>Formative Assessments:</p> <p>Modifications: Will be provided based on the needs of the individual</p> <p>Intervention: Reading extensions</p> <p>Extension: Tutorials</p> <p>Follow-Up/Homework: Read content notes</p>



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<p>Wednesday/Thursday</p> <p>(10) The student explores toxicology laboratory procedures in forensic science. The student is expected to:</p>	<p>Daily Objective:</p> <p>(A) explain the absorption, distribution, and elimination of alcohol through the human body</p> <p>(B) describe the blood alcohol laboratory procedures as they relate to blood alcohol concentration</p> <p>(C) explain the levels of tolerance and impairment due to alcohol consumption</p> <p>(D) explain the precautions necessary in the forensic laboratory for proper preservation of blood samples</p> <p>Agenda with Approximate Time Limits:</p> <p>Lab – Chromatography Simulation (90min)</p> <p>Formative Assessments: Rubric</p> <p>Modifications: Will be provided based on the needs of the individual</p> <p>Intervention: Reading extensions</p> <p>Extension: Tutorials</p> <p>Follow-Up/Homework: Read content notes</p>
<p>Friday</p> <p>(10) The student explores toxicology laboratory procedures in forensic science. The student is expected to:</p>	<p>Daily Objective:</p> <p>(A) explain the absorption, distribution, and elimination of alcohol through the human body</p> <p>(B) describe the blood alcohol laboratory procedures as they relate to blood alcohol concentration</p> <p>(C) explain the levels of tolerance and impairment due to alcohol consumption</p> <p>(D) explain the precautions necessary in the forensic laboratory for proper preservation of blood samples</p> <p>Agenda with Approximate Time Limits:</p> <p>Activity – Toxicology Profile Poster (50min)</p> <p>Formative Assessments: Rubric</p>



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