



# Westside High School Lesson Plan Template

<b>Teacher Name</b>	<b>Thomas Dohoney</b>	<b>Unit Name</b>	<b>Introduction to Forensics</b>
<b>Course</b>	<b>Forensic Science</b>	<b>Dates</b>	<b>02/13 – 02/17/2023</b>

<p><b>Monday</b></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><b>Daily Objective:</b></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><b>Agenda with Approximate Time Limits:</b></p> <p>Article Quiz (10min) Video-DNA Analysis (20min) Discussion (10min)</p> <p><b>Formative Assessments:</b> Quizizz</p> <p><b>Modifications:</b> Will be provided based on the needs of the individual</p> <p><b>Intervention:</b> Reading extensions</p> <p><b>Extension:</b> Tutorials</p> <p><b>Follow-Up/Homework:</b> Read content notes</p>
<p><b>Tuesday</b></p> <p>(11) The student analyzes blood spatter at a simulated crime scene. The student is expected to:</p>	<p><b>Daily Objective:</b></p> <p>(D) research methodologies used to collect and analyze other body fluids.</p>



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<p>(12) The student analyzes deoxyribonucleic acid (DNA) laboratory procedures in forensic science. The student is expected to:</p>	<p>(A) describe the structure of a DNA molecule and its function          (B) describe the steps used in extraction of DNA          (C) explain the analytical procedure for forensic DNA typing, including electrophoresis, polymerase chain reaction, and short tandem repeat</p> <p><b>Agenda with Approximate Time Limits:</b></p> <p>Do now (10min)- students will complete a kahoot on serology/DNA          Lecture (30min)- serology/DNA          Quizizz (10min)- serology/DNA</p> <p><b>Formative Assessments:</b> Quiz</p> <p><b>Modifications:</b> Will be provided based on the needs of the individual</p> <p><b>Intervention:</b> Reading extensions</p> <p><b>Extension:</b> Tutorials</p> <p><b>Follow-Up/Homework:</b> Read content notes</p>
<p><b>Wednesday/Thursday</b></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><b>Daily Objective:</b></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          (B) describe the steps used in extraction of DNA          (C) explain the analytical procedure for forensic DNA typing, including electrophoresis, polymerase chain reaction, and short tandem repeat</p> <p><b>Agenda with Approximate Time Limits:</b></p> <p>Lab – DNA analysis (90min)</p> <p><b>Formative Assessments:</b> Lab Rubric</p>



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	<p><b>Modifications:</b> Will be provided based on the needs of the individual</p> <p><b>Intervention:</b> Reading extensions</p> <p><b>Extension:</b> Tutorials</p> <p><b>Follow-Up/Homework:</b> Read content notes</p>
<p><b>Friday</b></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><b>Daily Objective:</b></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><b>Agenda with Approximate Time Limits:</b></p> <p>Case Study (50min)- Students will answer questions to demonstrate their level of understanding of the Grim Sleeper case</p> <p><b>Formative Assessment:</b> Rubric and question form provided in Canvas</p> <p><b>Modifications:</b> Will be provided based on the needs of the individual</p> <p><b>Intervention:</b> Reading extensions</p> <p><b>Extension:</b> Tutorials</p> <p><b>Follow-Up/Homework:</b> Read content notes</p>