Westside High School Lesson Plan Template

Teacher Name	Thomas Dohoney	Unit Name	Introduction to Forensics
Course	Forensic Science	Dates	01/17 – 01/20/2023

Monday **TEKS (7)** The student recognizes the methods to process and analyze trace evidence commonly found in a crime scene. The student is expected to:	**Daily Objective:** HOLIDAY **Agenda with Approximate Time Limits:** HOLIDAY
Tuesday **TEKS (7)** The student recognizes the methods to process and analyze trace evidence commonly found in a crime scene. The student is expected to:	**Daily Objective:** (A)demonstrate how to process trace evidence such as glass, paint, fibers, hair, soil, grass, and blood collected in a simulated crime scene (F) compare and contrast the microscopic characteristics of human hair and animal hair, including medulla, pigment distribution, and scales (G) describe and illustrate the different microscopic characteristics used to determine the racial and somatic origin of a human hair sample (H) differentiate between natural and synthetic fibers **Agenda with Approximate Time Limits:** Do now (10min)- students will complete a kahoot on hair analysis Lecture (30min)- forensic hair analysis and structure Quizizz (10min)- forensic hair analysis and struture **Formative Assessments:** Quiz **Modifications:** Will be provided based on the needs of the individual **Intervention:** Reading extensions **Extension:** Tutorials **Follow-Up/Homework:** Read content notes

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Wednesday/Thursday	
TEKS (7) The student recognizes the methods to process and analyze trace evidence commonly found in a crime scene. The student is expected to:	**Daily Objective:** (A)demonstrate how to process trace evidence such as glass, paint, fibers, hair, soil, grass, and blood collected in a simulated crime scene (F) compare and contrast the microscopic characteristics of human hair and animal hair, including medulla, pigment distribution, and scales (G) describe and illustrate the different microscopic characteristics used to determine the racial and somatic origin of a human hair sample (H) differentiate between natural and synthetic fibers **Agenda with Approximate Time Limits:** Hair Comparison Lab (80min)- students will be collecting random hair samples from home and using microscopy in their analysis. Students will answer questions to demonstrate their level of understanding of how hair evidence is used in forensics. **Formative Assessment:** Rubric and essay form provided in Canvas **Modifications:** Will be provided based on the needs of the individual **Intervention:** Reading extensions **Extension:** Tutorials **Follow-Up/Homework:** Read content notes
Friday **TEKS (7)** The student recognizes the methods to process and analyze trace evidence commonly found in a crime scene. The student is expected to:	**Daily Objective:** (A)demonstrate how to process trace evidence such as glass, paint, fibers, hair, soil, grass, and blood collected in a simulated crime scene (F) compare and contrast the microscopic characteristics of human hair and animal hair, including medulla, pigment distribution, and scales (G) describe and illustrate the different microscopic characteristics used to determine the racial and somatic origin of a human hair sample (H) differentiate between natural and synthetic fibers **Agenda with Approximate Time Limits:** Hair Comparison Lab (80min)- students will be collecting random hair samples from home and using microscopy in their analysis. Students will answer questions to demonstrate their level of understanding of how hair evidence is used in forensics.

Formative Assessment: Rubric and essay form provided in Canvas

Modifications: Will be provided based on the needs of the individual

Intervention: Reading extensions

Extension: Tutorials

Follow-Up/Homework: Read content notes