Westside High School Lesson Plan Template

Teacher Name	Thomas Dohoney	Unit Name	Introduction to Forensics
Course	Forensic Science	Dates	01/09 – 01/13/2023

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:** (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:** Video Analysis (50min)- students will be watching a true crimes video that demonstrates how fiber 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
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

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	Agenda with Approximate Time Limits: Video Analysis Essay responses (50min)- students will be answering questions based on a true crimes video that demonstrates how fiber 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
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:** Fiber Lab (80min)- students will be collecting random fibers and using microscopy in their analysis of those fibers. Students will answer questions to demonstrate their level of understanding of how fiber 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

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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:** Do now (10min)- students will complete a kahoot on fiber analysis Lecture (30min)- forensic fiber analysis and history Quizizz (10min)- forensic fiber analysis and history **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