Westside High School Lesson Plan Template

Teacher Name	Thomas Dohoney	Unit Name	Introduction to Forensics
Course	Forensic Science	Dates	11/14 – 11/18/2022

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; (B) compare and contrast the composition of various types of glass such as soda lime, borosilicate, leaded, and tempered; (C) determine the direction of a projectile by examining glass fractures; (D) define refractive index and explain how it is used in forensic glass analysis; **Agenda with Approximate Time Limits:** Kahoot (10min) Lecture- Fracture Matching (30min) Quizizz (10min) **Formative Assessment:** Quiz **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; (B) compare and contrast the composition of various types of glass such as soda lime, borosilicate, leaded, and tempered; (C) determine the direction of a projectile by examining glass fractures;

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	(D) define refractive index and explain how it is used in forensic glass analysis; **Agenda with Approximate Time Limits:** Puzzle Activity (50min) **Formative Assessment:** ThinkPairShare **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; (B) compare and contrast the composition of various types of glass such as soda lime, borosilicate, leaded, and tempered; (C) determine the direction of a projectile by examining glass fractures; (D) define refractive index and explain how it is used in forensic glass analysis; **Agenda with Approximate Time Limits:** Fracture Matching Lab (90min) **Formative Assessments:** lab rubric **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; (B) compare and contrast the composition of various types of glass such as soda lime, borosilicate, leaded, and tempered; (C) determine the direction of a projectile by examining glass fractures; (D) define refractive index and explain how it is used in forensic glass analysis; **Agenda with Approximate Time Limits:** Case Study: Lindberg baby **Formative Assessments:** Rubric **Modifications:** Will be provided based on the needs of the individual **Intervention:** Reading extensions **Extension:** Tutorials **Follow-Up/Homework:** Read content notes