

## Unit Two- Trace Evidence

### Unit Tasks Remediation and Mastery Check List

*Each student is provided the opportunity to complete a series of tasks to remediate the concepts presented in the unit and to demonstrate mastery of the required standards addressing the topics in that unit. Tasks can be graded based on completion of the task or on correctness of task. Completion of the tasks will generate percentage points that can be added to the student's Unit Test grade UP TO A TOTAL UNIT TEST GRADE OF 80. If the student wishes to submit **The Task Checklist and pieces of evidence**, it is always due one WEEK after the unit test. Checklists are posted on Mrs. Smith's classrooms page on the HCHS website under "attached documents."*

*Due date for Trace Evidence Checklist/Evidence-*

***Pick and choose which activities you would like to do in order to achieve up to 15% back to your Unit One Test (up to an 80).***

\_\_\_\_\_ Make flash cards of the key vocabulary (word on one side/definition on the other) listed on the Word Wall. The definition should relate to the forensic aspect of the term. (3%) **SCSCH9C**

\_\_\_\_\_ Make a "Hair Morphology Catalog" of the identifying characteristics of the hair of the following animals: human, cat, deer, dog, and rabbit. You can make a booklet or individual hair cards. Include information about the species of animal (genus/species, habitat, herbivore/carnivore/or omnivore), a picture of the hair, the medulla, and the cuticle. To receive full credit neatness and professionalism is required. (8%) **SFS2B**

\_\_\_\_\_ Write a DETAILED fictional crime story where trace evidence such as hair, glass, soil, etc. is used to catch the criminal. Whenever one of your key vocabulary words is used in the story, BOLD the word to draw attention to it. The story should be at least 2 pages long with the plot well formed. Make sure to show good character development of your victim and suspects. (10%) **SFS1A-C, SCSH8**

\_\_\_\_\_ Research the Danielle van Dam Murder Case on the internet. Determine what evidence was used to convict David Westerfield that would fall under the "trace" evidence category. Create a table of the trace evidence (fibers, hairs, etc) that was pivotal to solving the case. Include information on the table such as the type of evidence (hair, fiber), the source (carpet, bedspread, animal), color, location it was found, and if it was unique to either the victim or the suspect. (5%) **SFS1A, SCS9D, SCSH9B**

\_\_\_\_\_ Watch an episode of a crime show (*Criminal Minds, Snapped, Law and Order, Bones, etc*) **where trace evidence is used to solve the crime (glass, paint, soil, hair, fiber, etc).** Write the Name of the Show, Title of Episode, Date You Watched it, and a synopsis of the episode (what was the crime, who were the suspects, what was the evidence) and answer the following questions about the episode:

1. What trace evidence was collected during this episode?
2. Did the trace evidence help track down person responsible for committing the crime? If yes, how?
3. What methods did the criminalists use to collect the trace evidence?

(2%) **SFS1A-C, SFS1D, SFS1E, SFS2A**