Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_

Earth Science (R) Lab #2: Sharpening Observations

Score= \_\_\_\_\_ = \_\_\_\_\_% # of minutes earned = \_\_\_\_\_

Activities taken from CSI the experience: Web Adventures <http://forensics.rice.edu/en/Fun-Stuff/Online-Activities.html>

Background: CSI (Crime Scene Investigators) and Crime Scene Technicians are two of many careers that you must have excellent observation skills. As a science student, you too, must sharpen your observation skills. The following activities will help you become better observers.

**Question: How do we use observation skills on a daily basis?**

**Stop #1- Spot the difference**

Directions: Take a look at the two crime scene photos from a recent case. Someone has tampered with your crime scene. There are 5 differences between the 2 photos. In the area below list the 5 differences that you find. Be detailed.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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**Stop #2- Test your Memory: Every CSI needs an eye for detail and an excellent memory**

Directions: You’re a CSI who’s been called into court to testify about a recent case. The defense attorney is challenging your observation skills. You’ll have 10 seconds to memorize a picture and afterwards you’ll have to answer questions about what you observe. You’ll have 3 chances to observe the scene. Let’s see if your answers change. Write only the letter for each choice that you select.

Round #1 answers

1. \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_ 5) \_\_\_\_\_ 6) \_\_\_\_\_ 7) \_\_\_\_\_ 8) \_\_\_\_\_ 9) \_\_\_\_\_ 10) \_\_\_\_\_

Round #2 answers

1. \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_ 5) \_\_\_\_\_ 6) \_\_\_\_\_ 7) \_\_\_\_\_ 8) \_\_\_\_\_ 9) \_\_\_\_\_ 10) \_\_\_\_\_

Round #3 answers

1. \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_ 5) \_\_\_\_\_ 6) \_\_\_\_\_ 7) \_\_\_\_\_ 8) \_\_\_\_\_ 9) \_\_\_\_\_ 10) \_\_\_\_\_

**Stop #3- Power of Observation (Video clip)**

Question #1 answer: \_\_\_\_\_

Questions #2 answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Stop #4- Handwriting Analysis**

Directions: Document Examiners must be able to distinguish between various handwriting samples. The handwriting samples below are from 10 different students. Match the handwriting samples on the left with those from the same person on the right. Write the number on the right that matches the letter on the left.

1. \_\_\_\_\_ B) \_\_\_\_\_ C) \_\_\_\_\_ D) \_\_\_\_\_ E) \_\_\_\_\_ F) \_\_\_\_\_ G) \_\_\_\_\_ H) \_\_\_\_\_ I) \_\_\_\_\_ J) \_\_\_\_\_

**Conclusion: Look at all of your answers from the 4 stops. In a paragraph reflect on the following:**

* **how well are your observational skills (give details to support your answer)**
* **how do you use observational skills on a daily basis (explain at least 2 ways)**
* **why are making detailed and/or accurate observations important**

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