Forensic Science

“Plan of the Week” #10

Continue to check your progress @ Wardisiani.com, Blackboard and PowerSchool.

Monday:
- Bell-Ringer
- Lecture: DNA and Forensics (Cont’d)
- Journal Entry
- +/- In-Class Discussion of “Stiff”.
- Assignment: CS: DNA Matching

Tuesday:
- Bell-Ringer
- Lecture: DNA and Forensics (Cont’d)
- Journal Entry

Wednesday:
- Case Study: Mixed Media
- Annotate and evaluate case study provided.
- Assignment is due at the end of class!

Thursday:
- In-Class Review of Laboratory Procedures
- Experiment: DNA Extraction B
- Wrap-Up / Report Out
- Assignment: Experimental Write-Up due on Friday.

Friday:
- Case Study: TBA
- Assignment is due at the end of the class period.
- Assignment: Read and respond to “Stiff” questions for chapters 7-8. This assignment is due by 11:59PM on Sunday!

Objectives for Week #10

List the A_B_O antigens and antibodies found in the blood for the each of the four blood types. // Understand how whole blood is typed. // List and describe forensic tests used to characterize a stain of blood. // Understand the concept of antigen-antibody interactions and how they are applied to species identification and drug identification (HS-LS1-3) Contrast chromosome and Genes. // Learn how the Punnet square is used to determine the genotype and phenotypes of offspring. List the laboratory tests necessary to characterize seminal stains. // Explain how suspect blood and semen stains are properly preserved for laboratory examination Describe the proper collection of physical evidence in a rape investigation (Hs-LS1-3)