Forensic Science
“Plan of the Week” #8

Continue to check your progress at Wardisiani.com, Blackboardclassroom.com and PowerSchool.

Monday: 10/7
• Forensic Science Field Trip (Periods 3 and 6 ONLY)
• Periods 1-2: Case Study: Disaster of the Daisy’s
• ALL MISSING ASSIGNMENTS ARE DUE BY THURSDAY!

Tuesday: 10/8
• Bell-Ringer
• Lecture: DNA and Forensics
• Journal Entry
• Case Study: DNA ANALYSIS
• Assignment: Read Chapter 10

Wednesday: 10/9
• In-Class Review of Laboratory Procedures
• Experiment: DNA Extraction A
• Wrap-Up / Report Out
• Assignment: Complete Chapter 10

Thursday: 10/11
• Bell-Ringer
• Lecture: DNA and Forensics (Cont’d)
• Journal Entry
• Assignment: Case Study: DNA MATCHING

Friday: 10/12
• Common Interim B
• Assignment: Complete Chapter Review questions.

Objectives for Week #8

List the A_B_O antigens and antibodies found in the blood for 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. // Contrast chromosome and Genes. // Learn how the Punnett 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.