Forensic Science 4th Nine Weeks: Scope and Sequence

Content Standards	Dates Taught	% of Students scoring 70% and over	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
ACOS (5) Describe the importance of genetic information to forensics. • Using the process of gel electrophoresis to identify patterns in DNA				
ACOS (6) Describe the decomposition process. • Using rigor mortis to determine corpse position • Identifying decomposition by-products to determine cause of death • Using entomological life cycles to determine time of death				
ACOS (7) Identify the importance of skeletal remains in forensics • Comparing bones and skulls based on age, sex, and race • Using forensic dentistry to establish identity				
ACOS (8) Describe general categories of drugs and poisons and their effects on humans. • Explaining ways poisons are detected at autopsy				
ACOS (9) Use laws of physics to explain forensic evidence. • Analyzing blood splatter patterns in relation to speed, height, and direction • Tracking trajectories of collected evidence				
ACOS (10) Describe techniques used to determine the validity of documents. Examples: fiber and handwriting analyses, ink chromatography				