

FORENSIC SCIENCE

Midland High School

BAYLEE BOYLE

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Classroom Procedures & Expectations

- Respect yourself, the teacher, and others.
- Be seated & ready to work when the bell rings.
- Be engaged and active learners.
- Be respectful of the class spaces & supplies.
- Turn assignments in on time.

Mandates

- District: Cell phone use prohibited in the classroom or educational setting.
- Campus: No food or drink in the classroom (bottled water acceptable).
- Mandates are non-negotiable.

Grading Policy

- Major Grades: Tests / Projects / Crime Scene Investigations 60%
- Minor Grades: Activities / Assignments / Warm ups 40%

District Late Work Policy

- Any work not received by the assigned due dates may be subject to the following policy:
- 1 day late -10 points maximum grade possible of 90
 - 2 days late -20 points maximum grade possible of 80
 - 3-5 days late -30 points maximum grade possible of 70

District Attendance Policy

Regular attendance is vital to your child's academic development. When students attend daily, they develop thinking skills, and practice important habits that support lifelong learning.

Tutorials

Students needing additional help or make-up time are encouraged to attend tutorial sessions. I am available 8:00 - 8:30 on Tuesdays and Wednesdays and after school by appointment.

Course Resources

- Chromebook (provided by Midland ISD)
- Interactive notebook (single subject composition or spiral notebook)
- Writing utensils
- MISD-provided instructional materials

Course Topics

- CSI Effect
- Innocence Project
- Careers
- Lying / Deception
- Eye Witness Testimony
- Documents
- Crime Scene Investigation
- Serial Killers
- Forensic Psychology
- Fingerprints
- DNA
- Hair / Fibers
- Entomology
- Handwriting
- Blood Spatter
- Ballistics / Trajectory
- Impression Evidence
- Death (Mortis)
- Anthropology
- Facial Reconstruction
- Mock Trial
- Autopsy
- Arson

Learning Objectives

By the end of the first semester, students will be able to:

- Explain the concept of the CSI Effect, describe how crime-related television shows can influence public perception of forensic science, and analyze its potential impact on juror expectations and real-world criminal investigations.
- Define the term “serial killer,” identify common characteristics and behavioral patterns found in serial offender profiles, and analyze case studies to understand investigative methods used in apprehending them.
- Identify a variety of forensic science careers, describe the primary responsibilities and required skills for each role, and evaluate the education and training needed to pursue them.
- List and explain the 7 S’s of Crime Scene Investigation, describe the purpose of each step, and apply them in the correct order during a mock crime scene.
- Describe proper procedures for collecting, packaging, and preserving various types of physical evidence, and demonstrate correct techniques to maintain the chain of custody during a simulated investigation.
- Explain the principles of questioned document examination, identify key handwriting characteristics, and analyze handwriting samples to determine similarities, differences, and potential authorship.
- Define forensic toxicology, explain how toxicologists detect and analyze drugs, alcohol, and poisons in biological samples, and interpret toxicology results in the context of a criminal investigation.
- Explain the role and limitations of eyewitness testimony, describe effective and ethical interrogation practices, and analyze the function of expert witnesses in providing specialized knowledge during legal proceedings.
- Define forensic anthropology, identify key skeletal features used to determine age, sex, ancestry, and stature, and analyze skeletal remains to assist in the identification of unknown individuals.
- Define forensic odontology, explain how dental evidence is used to identify individuals and analyze bite mark patterns, and apply basic comparison techniques to sample dental records.
- Explain the principles of blood spatter analysis, identify different types of bloodstain patterns, and interpret blood spatter evidence to reconstruct the events of a crime scene.

Please fill out the portion below and return to your teacher.

We acknowledge that we have read and that we understand the expectations of Forensic Science. We agree to contact the teacher should we have any questions or concerns regarding this instructional plan.

Student Name (Print): _____

Student Signature: _____ _____
Date

Parent Name (Print): _____

Parent Signature: _____ _____
Date