

Forensic Science

4th Quarter

Continue to check your progress on Schoology, TEAMS, and Power School.
Additional Resources are available on the classes' website @ Wardisiani.com.

Monday:

- Bell-Ringer
- **Lecture: Introduction to Forensic Odontology**
- CS: Incriminating Marks - Due by Wednesday @ 11:59PM.

Tuesday:

- In-Class Review of Laboratory Procedures
- **Experiment: "Take a Bite Out of Crime"**
- Laboratory Write-Up is due on Thursday @ 11:59PM.

Wednesday:

- Bell-Ringer
- **Lecture: Introduction to Forensic Odontology (CONTINUED)**

Thursday:

- **Criminal Minds**
- Evidence Collection and Analysis
- ½ Day Schedule.....Parent - Teacher Conferences

Friday:

- In-Class Review of Laboratory Procedures
- **Experiment: "Teeth and Bite Marks"**
- Experimental Write-Up is due on Sunday @ 11:59PM.

Objectives for week #1: Quarter 4

- *Students will describe the role of forensic odontology in criminal investigations, including how bite marks and dental records can be used to identify suspects or victims.*
- *Students will demonstrate proper laboratory procedures and evidence-handling techniques while conducting forensic experiments related to bite mark analysis.*
- *Students will analyze and compare bite mark impressions with dental patterns to determine potential matches and evaluate evidence reliability.*
- *Students will interpret experimental data and forensic observations to develop evidence-based conclusions during laboratory investigations.*
- *Students will communicate scientific findings through structured laboratory reports, demonstrating understanding of forensic analysis and investigative reasoning.*

Forensic Science Learning Objectives

1. Classroom Objective Board Version (Student-Friendly)

Learning Targets for the Week

1. I can explain how forensic odontologists use teeth and bite marks to identify individuals and analyze crime scene evidence.
2. I can follow proper laboratory procedures to safely collect and document bite mark evidence during forensic experiments.
3. I can compare bite mark patterns with dental impressions to determine possible matches.
4. I can analyze forensic evidence and use scientific reasoning to draw conclusions about a case.
5. I can communicate my findings through clear laboratory write-ups that explain procedures, observations, and conclusions.

2. Danielson-Aligned Version (Instructional Framework / Walkthrough Tool)

Domain 1: Planning and Preparation

1. Students will describe the role of forensic odontology in criminal investigations, including how bite marks and dental records can be used to identify suspects or victims.
2. Students will demonstrate proper laboratory procedures and evidence-handling techniques while conducting forensic experiments related to bite mark analysis.
3. Students will analyze and compare bite mark impressions with dental patterns to determine potential matches and evaluate evidence reliability.
4. Students will interpret experimental data and forensic observations to develop evidence-based conclusions during laboratory investigations.
5. Students will communicate scientific findings through structured laboratory reports, demonstrating understanding of forensic analysis and investigative reasoning.

These objectives support:

- Clear Learning Targets (PIF Standard)
- Student Engagement in Scientific Inquiry
- Evidence-Based Reasoning
- Application of Scientific Practices