

Unit 1: Crime Scene & Eyewitness Basics (5 days)

- Day 1 United Streaming: Forensics movie + worksheet
- Day 2 Discuss Crime Scene Basics notes
Begin Eyewitness Basics notes
- Day 3 Finish Eyewitness Basics notes & do FACES software demo
- Day 4 Art of Crime Detection worksheet (Computer Lab)
Assign Unit 1 Review
- Day 5 Discuss review & take Unit 1 Quiz
Memory Match Game

Unit 2: Power of Evidence (16 days)

- Day 1 Power of Evidence notes
Discuss Mock Crime Scene photograph
 - Day 2 Investigation Discovery (Computer Lab)
 - Day 3 Investigation Discovery (Computer Lab)
- Fingerprinting
- Day 4 Fingerprint Basics notes + My Prints activity
 - Day 5 Science of Ridges notes + Minutiae classification
 - Day 6 Latent Prints Lab – Learn how to lift latent prints and create sample cards
 - Day 7 Fingerprints Challenge Activity

Tire Tracks & Toolmarks

- Day 8 United Streaming: Value of Evidence movie + worksheet
- Day 9 Discuss Impression Evidence notes
Begin Hot Wheels Tire Tracks Lab – Make sets of tracks
- Day 10 Tire Track Challenge – Match unknown tracks to the tracks used on Day 9
Class Challenge - The Real Deal (tire tracks)
- Day 11 Tool Marks Challenge - Make samples of tool impressions in clay & identify unknown samples

Hairs & Fibers

- Day 12 Hairs & Fibers notes; begin hair and fiber identification lab
- Day 13 Finish identifying hairs and fibers

Chromatography

- Day 14 Chromatography Notes
Test sample pens
- Day 15 Chromatography Challenge – Match unknown pens to samples tested on Day 5
Assign Physical Evidence Review
- Day 16 Discuss review & take Physical Evidence Quiz
Forensic Science A to Z puzzle

Unit 3: Blood Basics (5 days)

- Day 1 Blood Basics Notes
"Ernie's Exit" Lab - Blood Typing
- Day 2 Blood Basics Online (Computer Lab)
- Day 3 Blood Spatter Lab – Single & Multiple Droplets
- Day 4 Blood Spatter Lab – Droplets with Motion & Angle of Impact
Discuss results of Blood Spatter Lab
Assign Blood Unit Review
- Day 5 Discuss review & take Blood Unit Quiz

Unit 4: Forensic Entomology (5 days)

- Day 1 Discuss Forensic Entomology notes & examine preserved specimens of maggots and pupa
- Day 2 Crime Solving Insects Activity (Pipe cleaners)
- Day 3 Finish Crime Solving Insects activity & discuss
- Day 4 Assign Forensic Entomology Review
- Day 5 Discuss review & take Forensic Entomology Quiz

Unit 5: Fire Science (3 days)

- Day 1 Discuss Fire Science notes & watch United Streaming: Science of Fire video
- Day 2 Investigating Fire Scenes (Presented by speaker from local fire department)
Assign Fire Unit Review
- Day 3 Discuss review & take Fire Unit quiz

Unit 6: CRASH (5 days)

- Day 1 CRASH Notes (Newton's Laws, vehicle dynamics, occupant dynamics)
- Day 2 Present Case #1 and allow time for students to investigate
Discuss results
- Day 3 Present Case #2 and allow time for students to investigate
Discuss results
- Day 4 Present Case #3 and allow time for students to investigate
Discuss results
Assign CRASH Unit Review
- Day 5 Discuss review & take CRASH Unit quiz

Additional Lessons (if extra time is available):

- ❖ CHIN (Computer Lab) – 2 days
- ❖ CSI: Rookie Investigator (Online) - 2 days
- ❖ Hairs & Fibers Online (Computer Lab) - 1 day
- ❖ Forensic Science Jeopardy – 1 day
- ❖ Forensic Files movies – 1 day each
- ❖ CSI Adventure (Geocaching Activity) - 1-2 days