



OHIO CSI FORENSIC DIVISION

UNIT 1 · MEDICAL INVESTIGATION · CASE STATIC

Period 1-2 · Statik Sound, a neighborhood recording studio

FORM NO. CSI-1-D17
CASE NO. JH-26-0831-A
REV. 2026-27
PAGE ____ OF ____

FOR EDUCATIONAL USE

OHIO CSI FORENSIC DIVISION

DO NOT DISTRIBUTE ANSWER KEYS

DAILY INVESTIGATION PACKET

Oct 6 · Investigation Day 17 of 18

OFFICIAL

THE BRIEFING: WHAT YOU ARE DOING TODAY, AND HOW THE PROS DO IT

SEC 00

Picking up from yesterday: you learned that corroboration closes cases: independent evidence lines agreeing. One line persuades; three lines conclude.

Real detectives build an evidence board so that anyone can follow the reasoning and attack its weakest link, because a claim that cannot survive a hard question is not ready. Today you build your board and defend it under cross-examination.

OBJECTIVE

Today you will build the evidence board from the card kit: your case's reasoning made physical, then defended under peer cross-examination.

Take-home (the ten-year idea): If the board cannot show it, the report cannot claim it. A conclusion you cannot diagram is a conclusion you do not understand.

CASE FILE UPDATE

SEC 01

The board goes up: every thread reaching the center, every cleared suspect shown WITH the evidence that cleared them.

BACKGROUND AND BRIEFING (READ THIS FIRST)**SEC 02**

An evidence board is not decoration; it is an argument with geography. The center holds the finding. Around it: the evidence cards, each connected to what it supports, with thread-colored lines showing WHICH kind of evidence carries each link. A board where every line runs through one card is a confession of weakness; a board with three independent paths to the center is corroboration made visible.

Build standard: every card carries its E-number; every connection line has a one-word label (supports, excludes, times, locates); exonerated suspects stay ON the board with their clearing evidence attached, because showing why the innocent are innocent is half the finding.

Then cross-examination: another team reads your board cold and attacks: which line is weakest, which card is carrying too much, what alternative explanation survives your layout. The protocol is professional: attack the reasoning, never the people; every attack cites the board itself; the defending team answers from exhibits or concedes honestly. Concessions get repaired tonight, and a repaired board is a stronger board.

THE DECISION OF THE DAY**SEC 03****YOUR ROLE**

Teams build together; F team runs the layout.

THE SITUATION

The board kit (case plaque, thread labels, E-number cards, line labels), your resolved matrix and tree, one period, then cross-examination.

THE RULE YOU APPLY

Every claim path needs its cards physically connected; every line labeled; independence visible (three colors reaching the center beats five lines of one color).

WHAT YOU PRODUCE

The completed board, plus the board rubric self-check signed by the team.

Claim ceiling. The board shows what the evidence supports. Decoration, drama, and red string with no label add nothing; the rubric scores connections, not aesthetics.

WHAT THIS UNLOCKS

Tomorrow: the individual report. The board is the class's argument; the report is yours.

PLTW ANCHOR AND INTERACTIVE LAYER**REF****Project 1.2.6 Case Closed** (referenced by title only; all materials in this file are John Hay original work)

- Portal: day page and guided notes

myPLTW student access is down for technical reasons. When it is restored, this day's PLTW anchor is completed online; until then the portal simulation and these printed materials carry the day.

INVESTIGATION TEAM ASSIGNMENTS**SEC 05****A Scene and Documentation**

Scene thread cards and lines; photograph the final board.

B Trace

Trace thread cards and lines.

C Serology and DNA

Serology and DNA thread cards and lines.

D Toxicology and Chemistry

Chemistry thread cards and lines.

E Medical Examiner

Medical thread cards and lines.

F Records and Timeline

Chair layout; run cross-examination protocol; log concessions.

NOTEBOOK PAGES IN USE TODAY**SEC 06**

- Evidence board map (draw your final layout)
- Day 17 Cornell page

DAILY SUBMISSION FORM: BOARD RUBRIC SELF-CHECK

JH-26-0831-A / D17

- ☐ Rubric scored with team signatures
- ☐ Weakest-link named honestly
- ☐ Repair completed or scheduled

INVESTIGATOR (PERIOD + CODE, NO
NAMES)_____
TEAM_____
TIME SUBMITTED