

# CSI: Who Killed Henry Ward?

**Lab Activity: item #366833**   **Refill Kit: item #366245**

## module 3 – fingerprint analysis

### biology TEKS

- 1A** Demonstrate safe practices during laboratory and field investigations.
- 2F** Collect and organize qualitative and quantitative data and make measurements with accuracy and precision using tools such as calculators, spreadsheet software, data-collecting probes, computers, standard laboratory glassware, microscopes, various prepared slides, stereoscopes, metric rulers, electronic balances, gel electrophoresis apparatuses, micropipettors, hand lenses, Celcius thermometers, hot plates, lab notebooks or journals, timing devices, cameras, Petri dishes, lab incubators, dissection equipment, meter sticks, and models, diagrams, or samples of biological specimens or structures.
- 2G** Analyze, evaluate, make inferences, and predict trends from data.

### forensics/career and technology education TEKS

- 1A** Demonstrate safe practices during laboratory and field investigations.
- 2F** Collect and organize qualitative and quantitative data and make measurements with accuracy and precision using tools such as calculators, spreadsheet software, data-collecting probes, computers, standard laboratory glassware, microscopes, various prepared slides, stereoscopes, metric rulers, electronic balances, gel electrophoresis apparatuses, micropipettors, hand lenses, Celcius thermometers, hot plates, lab notebooks or journals, timing devices, cameras, Petri dishes, lab incubators, dissection equipment, meter sticks, and models, diagrams, or samples of biological specimens or structures.
- 2G** Analyze, evaluate, make inferences, and predict trends from data.
- 8A** Compare the three major fingerprint patterns of arches, loops, and whorls and their respective subclasses.
- 8E** Perform laboratory procedures for lifting latent prints on nonporous objects, using fingerprint powders such as black powder and florescent powders.
- 8G** Compare fingerprints collected at a simulated crime scene with the fingerprints of a suspect.

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