

# CSI: Who Killed Henry Ward?

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

## module 4 - blood typing

### 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, Celsius 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.
- 3E** Evaluate models according to their limitations in representing biological objects or events.
- 5B** Examine specialized cells including roots, stems, and leaves of plants; and animal cells such as blood, muscle, and epithelium.
- 10A** Describe the interactions that occur among systems that perform the functions of regulation, nutrient absorption, reproduction, and defense from injury or illness in animals.

### 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, Celsius 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.
- 3E** Evaluate models according to their limitations in representing biological objects or events.
- 7B** Process trace evidence such as soil, grass, blood, fibers, and hair collected in a simulated crime scene.
- 11B** Identify the red blood cell antigens and antibodies as they relate to human blood types.

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