

CSI: Who Killed Henry Ward?

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

module 2 – bone 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.
- 3E** Evaluate models according to their limitations in representing biological objects or events.
- 11B** Investigate and analyze how organisms, populations, and communities respond to external factors.

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.
- 3E** Evaluate models according to their limitations in representing biological objects or events.
- 4B** Identify roles, functions, and responsibilities of a forensic science professional.
- 5B** Demonstrate the ability to work as a member of a team.
- 6A** Demonstrate conversions of measurements between English and International Systems (SI) of units.
- 15A** Identify the major bones of the human skeletal system.
- 15D** Determine unique characteristics of the human skeletal system such as gender and age.

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