

## Curriculum Connections

Lesson/Grade Level	Critical Thinking Skills	Science Processes	Science Topics	Other Subjects
<b>Forensic Potential</b> Multi-disciplinary Forensic Science Grades 9 – 12	<ul style="list-style-type: none"> <li>- decision making based on criteria</li> <li>- designing a product that meets given criteria</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment (STSE)</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- botany, entomology, archaeology, anthropology</li> </ul>	<ul style="list-style-type: none"> <li>- career exploration</li> <li>- life skills</li> <li>- communications (oral and written)</li> <li>- literacy (reading for information)</li> <li>- visual art (drawing)</li> </ul>
<b>Was the Body Moved?</b> Forensic Botany Grades 9 – 12	<ul style="list-style-type: none"> <li>- assessing significance</li> <li>- assessing plausibility</li> <li>- forming counter arguments</li> <li>- logical reasoning</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment</li> <li>- reaching conclusions based on data and inference</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- botany</li> <li>- ecosystems</li> </ul>	<ul style="list-style-type: none"> <li>- criminal law</li> <li>- communications (oral and written)</li> <li>- literacy (reading for information)</li> </ul>
<b>Insect Informants</b> Forensic Entomology Grades 10 – 12	<ul style="list-style-type: none"> <li>- developing criteria for judgment</li> <li>- creating persuasive and informative visuals</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment</li> <li>- representing data</li> <li>- communicating conclusions</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- insect life cycles</li> <li>- decomposition</li> </ul>	<ul style="list-style-type: none"> <li>- graphic arts</li> <li>- communications (writing)</li> <li>- literacy (reading for information)</li> </ul>
<b>Find the Flaws</b> Forensic Archaeology Grades 9 – 12	<ul style="list-style-type: none"> <li>- identify and explain flaws of a police report</li> <li>- suggest improvements to the report based on techniques used by forensic archaeologists</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment (STSE)</li> <li>- visual observation and analysis</li> <li>- communicating details and information</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- archaeology</li> </ul>	<ul style="list-style-type: none"> <li>- communications (writing)</li> <li>- literacy (reading for information)</li> </ul>
<b>Tsunami Victim Search</b> Forensic Anthropology Grades 11 – 12	<ul style="list-style-type: none"> <li>- decision making based on criteria</li> <li>- logical reasoning using process of elimination</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment</li> <li>- recording information</li> <li>- reaching conclusions based on data and inference</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- anthropology</li> <li>- human anatomy</li> <li>- genetics</li> </ul>	<ul style="list-style-type: none"> <li>- communications (oral and written)</li> <li>- literacy (reading for information)</li> <li>- social studies (ancestry, culture)</li> </ul>
<b>Mystery Skull</b> Multi-disciplinary Forensic Science Grades 9 – 12	<ul style="list-style-type: none"> <li>- making inferences</li> <li>- distinguishing fact from inference</li> </ul>	<ul style="list-style-type: none"> <li>- connecting science with technology, society and environment</li> <li>- summarizing data</li> <li>- reaching conclusions based on data</li> </ul>	<ul style="list-style-type: none"> <li>- forensic science</li> <li>- isotopes, radiocarbon dating</li> <li>- DNA analysis</li> <li>- soil</li> <li>- botany (pollen, photosynthesis)</li> </ul>	<ul style="list-style-type: none"> <li>- communications (oral and written)</li> <li>- literacy (reading for information)</li> </ul>