

<b>Standard(s)</b>	<b>Unit/Topic</b>	<b>Essential Skills: What do students absolutely need for the next level?</b>	<b>Resources Used</b>	<b>Assessment</b>
MST Standard 1, 2, + 4	Unit 1: Observation Skills	<ol style="list-style-type: none"><li>1. Define observation and describe what changes occur in the brain.</li><li>2. Describe examples of factors influencing eyewitness accounts of events.</li><li>3. Compare the reliability of eyewitness testimony to what actually happened.</li><li>4. Relate observation skills to their use in forensic science.</li><li>5. Define forensic science.</li><li>6. Practice and improve observation skills.</li></ol>	Forensic Science textbook and lab materials.	Homework, Quizzes, Lab write-ups, Exams

	Unit 2: Crime Scene Investigation	<ol style="list-style-type: none"><li>1. Summarize Locard's exchange principle.</li><li>2. Identify four examples of trace evidence.</li><li>3. Distinguish between direct and circumstantial evidence.</li><li>4. Identify the type of professionals who are present at a crime scene.</li><li>5. Summarize the seven steps of a crime scene investigation.</li><li>6. Explain the importance of securing the crime scene.</li><li>7. Identify the methods by which a crime scene is documented.</li><li>8. Demonstrate proper technique in collecting and packaging trace evidence.</li><li>9. Describe how evidence from a</li></ol>	Forensic Science textbook and lab materials.	Homework, Quizzes, Lab write-ups, Exams
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		crime scene is analyzed.		
Standard(s)	Unit/Topic	Essential Skills: What do students absolutely need for the next level?	Resources Used	Assessment
MST Standard 1, 2, + 4	Unit 3: The Study of Hair	<ol style="list-style-type: none"> <li>7. Identify the various parts of a hair.</li> <li>8. Describe variations in the structure of the medulla, cortex, and cuticle.</li> <li>9. Distinguish between human and nonhuman animal hair.</li> <li>10. Determine if two examples of hair are likely to be from the same person.</li> <li>11. Explain how hair can be used in a forensic investigation.</li> </ol>	Forensic Science textbook and lab materials.	Homework, Quizzes, Lab write-ups, Exams

		<ul style="list-style-type: none"> <li>12. Calculate the medullary index for a hair.</li> <li>13. Distinguish hairs from individuals belonging to the broad racial categories.</li> </ul>		
	<p>Unit 4: Study of Fibers and Textiles</p>	<ul style="list-style-type: none"> <li>10. Identify and describe common weave patterns of textile samples.</li> <li>11. Compare and contrast various types of fibers through physical and chemical analysis.</li> <li>12. Describe principal characteristics of common fibers used in their identification.</li> <li>13. Apply forensic science techniques to analyze fibers.</li> </ul>	<p>Forensic Science textbook and lab materials.</p>	<p>Homework, Quizzes, Lab write-ups, Exams</p>

Subject: Forensics

Grade: 10+11+12

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