

## Preparation Overview

	<b>Lesson 1</b> <b>Heads Up:</b> <b>Observation Skills</b>	<b>Lesson 2</b> <b>Think Ink:</b> <b>Ink Chromatography</b>	<b>Lesson 3</b> <b>The White Stuff:</b> <b>White Substances</b> <b>and Toxicology</b>	<b>Lesson 4</b> <b>Pull Some Strings:</b> <b>Fiber Analysis</b>
<b>Print/Copy</b>	Student Book pages iii-9	Student Book pages 10-12	Student Book pages 13-14	Student Book pages 15-17
<b>Organize Kit Supplies</b>	<ul style="list-style-type: none"> <li>• Sets of practice pictures</li> <li>• Cookie Jar Mystery crime scene photos</li> <li>• Pencils</li> </ul>	<ul style="list-style-type: none"> <li>• Suspect pens</li> <li>• Isopropyl alcohol</li> <li>• Plastic cups</li> <li>• Foam plates</li> <li>• Plastic straws</li> <li>• Chromatography paper</li> <li>• Pencils</li> <li>• Scissors</li> <li>• Paper clips</li> <li>• Rolls of tape</li> </ul>	<ul style="list-style-type: none"> <li>• Iodine and dropper</li> <li>• Vinegar</li> <li>• Permanent marker</li> <li>• Dropper bottles</li> <li>• 2,000 mL container</li> <li>• Set of white powders</li> <li>• Black paper squares</li> <li>• Foam plates</li> <li>• Hand lenses</li> <li>• Portion cups</li> <li>• Wooden splints</li> <li>• Pencils</li> </ul>	<ul style="list-style-type: none"> <li>• Black fiber samples</li> <li>• Tweezers</li> <li>• Fiber samples card-stock</li> <li>• Wide tape</li> <li>• Hand lenses</li> <li>• Pencils</li> </ul>
<b>Prepare</b>	<ul style="list-style-type: none"> <li>• Read Instructor's Guide Preface and Introduction</li> <li>• Select and name your suspects</li> </ul>	<ul style="list-style-type: none"> <li>• Make crime scene chromatography strips for each group</li> </ul>	<ul style="list-style-type: none"> <li>• Fill and label dropper bottles with water and vinegar</li> <li>• Set up chemical distribution center</li> </ul>	<ul style="list-style-type: none"> <li>• Unravel fabric samples</li> <li>• Tear pieces of tape</li> </ul>
<b>Acquire Additional Supplies</b>		<ul style="list-style-type: none"> <li>• Paper Towels</li> </ul>	<ul style="list-style-type: none"> <li>• Water</li> </ul>	

<b>Preparation Overview</b>				
	<b>Lesson 5 Hair We Go: Hair Samples</b>	<b>Lesson 6 Follow the Grain: Pollen Analysis</b>	<b>Lesson 7 Make an Impression: Bite Marks</b>	<b>Lesson 8 Bloody Brilliant: Blood Types</b>
<b>Print/Copy</b>	Student Book pages 18-20	Student Book pages 21-22	Student Book pages 23-25	Student Book pages 26-28
<b>Organize Kit Supplies</b>	<ul style="list-style-type: none"> <li>• Hair samples</li> <li>• Hand lenses</li> <li>• Tweezers</li> <li>• Scissors</li> <li>• Hair samples cardstock</li> <li>• Rolls of tape</li> <li>• Pencils</li> </ul>	<ul style="list-style-type: none"> <li>• Pollen samples</li> <li>• Hand lenses</li> <li>• Toothpicks</li> <li>• Pollen samples cardstock</li> <li>• Rolls of tape</li> <li>• Pencils</li> <li>• Scissors</li> </ul>	<ul style="list-style-type: none"> <li>• Foam cups</li> <li>• Hand lenses</li> <li>• Plastic bag for cut slides</li> <li>• Scissors</li> <li>• Pencils</li> <li>• Rulers</li> <li>• Permanent markers</li> </ul>	<ul style="list-style-type: none"> <li>• Simulated blood and anti-sera</li> <li>• Blood exam trays</li> <li>• Permanent markers</li> <li>• Pencils</li> <li>• Toothpicks</li> <li>• Disposable gloves</li> <li>• Blood typing guides</li> </ul>
<b>Prepare</b>	<ul style="list-style-type: none"> <li>• Set up activity demonstration</li> <li>• Print Hair Slide Transparencies from master on Teacher Resource CD.</li> </ul>	<ul style="list-style-type: none"> <li>• Print Pollen Slide Transparencies from master on Teacher Resource CD</li> <li>• Cut transparency sheets into columns</li> <li>• Set up activity demonstration</li> </ul>	<ul style="list-style-type: none"> <li>• Print Cookie Transparencies from master on Teacher Resource CD.</li> <li>• Cut cookie transparencies into slides</li> </ul>	<ul style="list-style-type: none"> <li>• Set up activity demonstration</li> </ul>
<b>Acquire Additional Supplies</b>	<ul style="list-style-type: none"> <li>• 30 blank transparencies</li> </ul>	<ul style="list-style-type: none"> <li>• 10 blank transparencies</li> </ul>	<ul style="list-style-type: none"> <li>• Paper Towels</li> <li>• 10 blank transparencies</li> </ul>	<ul style="list-style-type: none"> <li>• Lined Paper</li> <li>• Paper Towels</li> </ul>



<b>Preparation Overview</b>				
	<b>Lesson 9</b> <b>One of a Kind: Fin- gerprint Evidence</b>	<b>Lesson 10</b> <b>Crack the Code: DNA</b>	<b>Lesson 11</b> <b>Let's Talk: Questioning the Suspects</b>	<b>Lesson 12</b> <b>Who Dunit?: Piecing Together the Evidence</b>
<b>Print/Copy</b>	Student Book pages 29-32	Student Book pages 33-36	Student Book pages 37-43	Student Book pages 51-53 Certificates of Completion
<b>Organize Kit Supplies</b>	<ul style="list-style-type: none"> <li>• Ink strips</li> <li>• Ink towelettes</li> <li>• Ten cards</li> <li>• Hand lenses</li> <li>• Pencils</li> </ul>	<ul style="list-style-type: none"> <li>• 2,000 mL container</li> <li>• Dish soap</li> <li>• Salt</li> <li>• Isopropyl alcohol</li> <li>• Measuring spoons</li> <li>• 250 mL containers</li> <li>• Plastic spoons</li> <li>• Resealable plastic bags</li> <li>• Coffee filters</li> <li>• Plastic cups</li> <li>• Wooden splints</li> <li>• Pencils</li> <li>• Foam plates</li> </ul>	<ul style="list-style-type: none"> <li>• Pencils</li> </ul>	<ul style="list-style-type: none"> <li>• Pencils</li> </ul>
<b>Prepare</b>	<ul style="list-style-type: none"> <li>• Set up activity demonstration</li> </ul>	<ul style="list-style-type: none"> <li>• Remove any strawberry leaves and stems</li> <li>• Put isopropyl alcohol into the freezer</li> <li>• Put water into the refrigerator</li> </ul>	<ul style="list-style-type: none"> <li>• Organize groups of students</li> </ul>	<ul style="list-style-type: none"> <li>• Print and fill out Certificates of Completion</li> </ul>
<b>Acquire Additional Supplies</b>		<ul style="list-style-type: none"> <li>• Fresh or Frozen Strawberries</li> <li>• Water</li> </ul>		