# 23-24 Westside High School Lesson Plan Template

<table>
<thead>
<tr>
<th>Teacher Name</th>
<th>Thomas Dohoney</th>
<th>Learning Topic</th>
<th>Document &amp; Paint Analysis</th>
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</thead>
<tbody>
<tr>
<td>Course</td>
<td>Forensic Science</td>
<td>Cycle &amp; Week</td>
<td>(C2) 10/02/2023-10/06/2023</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Day</th>
<th>TEKS or Standards Alignment</th>
<th>Lesson Objective (LO)</th>
<th>Daily Agenda</th>
<th>Demonstration of Learning</th>
<th>Key Vocabulary</th>
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|     |                             | Describe various examinations performed in forensic paint analysis, including microscopic morphology, binder, and pigment characterization. | 1. Warm-up: brain teaser  
2. Activity: read and review case study  
3. DOL: think-pair-share  
   Homework: read notes-Paint Analysis | Students will identify the major discussion points from the content notes in the case study  | Chromatograph Spectrometry                                                                 |
| Monday | 7AEI                         |                                                                                                                                               | 1. Kahoot  
2. Direct Instruction: Paint Analysis  
3. Practice: Small group instruction  
4. DOL: lab rubric  
   Homework: read notes-Paint | Students will identify the major discussion points in the content notes and demonstrate mastery through quizizz activity | Binder  
   Pyrolysis                                                                 |
| Tuesday | 7AEI                         | Describe various examinations performed in forensic paint analysis, including microscopic morphology, binder, and pigment characterization. | 1. Warm Up- Brain teaser  
2. Lab Activity: Thin Line Chromatography  
3. Practice: Small group instruction  
4. DOL: lab rubric  
   Homework: study for unit 3 test | Students will analyze ink samples and compare them; identifying specific variations | Chromatograph Spectrometry  
   Binder  
   Solvent Pyrolysis                                                                 |
| Block Day Wed./Thurs. | 7AEI                         | Draw conclusions based upon collected evidence, and support your statement with data | 1. Warm up: brain teaser  
2. Unit 3 Test: Document & Paint Analysis  
3. DOL: OnTrack  
   Homework: read notes-Evidence Collection | Students will identify the major discussion points in the content notes and demonstrate mastery |                                                                                   |
| Friday | 15ABCD 7AEI                  |Demonstrate an understanding of the terminology and procedures for document & paint analysis | 1. Warm up: brain teaser  
2. Unit 3 Test: Document & Paint Analysis  
3. DOL: OnTrack  
   Homework: read notes-Evidence Collection |                                                                                   |                                                                                   |