

## Scenery Lesson Plan Drafting a Simple Elevation

<b>VITAL INFORMATION</b>	
<b>Subjects (s) &amp; Topic(s) Covered</b>	<p>Subject &amp; Topic: Theatre – Technical Theatre / Scenic Design</p> <p>This lesson will introduce students to the fundamentals of drafting a simple elevation. Students will learn to recognize and utilize drafting tools creating a clean and precise to scale drawing. Students will apply their knowledge of scale, dimensioning and labeling to their drawing. The lesson will utilize direct instruction, guided practice, and independent work with a final peer review to create a front wall elevation and doorway. Students will be knowledgeable of how correct drawings are critical to real-world set construction.</p>
<b>Grade/Level</b>	High School (Grades 9 <sup>th</sup> -12 <sup>th</sup> )
<b>Standard(s)</b>	<p><b>Content Area Standard:</b></p> <p>TH: Cr1.1.I a. – Apply basic research to construct ideas about the visual composition of a drama/theatre work.</p> <p>TH: Cr3.1.I c. - Refine technical design choices to support the story and emotional impact of a devised or scripted drama/ theatre work.</p> <p>TH: Pr5.1.I b. – Use researched technical elements to increase the impact of design for a drama/theatre production.</p>
<b>Objective(s)</b>	<p><b>TSWBAT:</b></p> <ul style="list-style-type: none"> <li>• Identify and apply drafting tools (pencil, ruler, triangle) to create accurate straight lines and right angles.</li> <li>• Translate real-world measurements into scale drawings (<math>\frac{1}{2}'' = 1'</math>) using graph paper.</li> <li>• Draft a simple wall elevation including a doorway, applying precision and dimensioning techniques.</li> <li>• Label and dimension the elevation according to drafting conventions.</li> </ul>
<b>Assessment/Rubrics</b>	<p><b>Formative:</b> Teacher observation during guided practice, peer review feedback.</p> <p><b>Summative:</b> Completed drafted elevation graded for accuracy, neatness, correct scale, dimensioning, and labeling. (Rubric 100 pts)</p>
<b>Collaboration</b>	Students will work individually on their own elevation drawings; however, the teacher will pair each student with a partner for advice during the process and for a final peer review for accuracy and clarity upon completion of the assignment.
<b>Time Allotment</b>	This lesson will take approximately 76 minutes.
<b>Materials</b>	<p><b>Teacher's Materials:</b> Slides on Drafting a Simple Elevation, TV Screen for projecting Slides, Handout qtr inch grid magenta paper, Space – clean desk.</p> <p><b>Students' Materials:</b> Mechanical pencil, ruler, straight edge with 90-degree edges, a triangle, eraser</p>
<b>Vocabulary</b>	Geometry, Scale, Extension Lines, Continuous Dimensioning, Front Elevation
<b>Resources</b>	<ul style="list-style-type: none"> <li>• Drafting a Simple Elevation Slides</li> <li>• YouTube demonstration video (10 minutes) – <a href="https://youtu.be/3HXQ1tAwGGY">https://youtu.be/3HXQ1tAwGGY</a></li> <li>• MDE State standards for theater</li> </ul>
<b>IMPLEMENTATION</b>	

<b>Introduction/Anticipatory Set</b>	<p>The teacher introduces drafting for theatre, highlighting the importance of precision and scale in technical design. Students will view the slides of a simple wall with a doorway and discuss why accuracy is essential in scenic drafting. The teacher will pose the question: “How does accuracy in drafting connect to real-world scenic construction?” This will emphasize the importance of accurate measurements in drafting. (10 minutes)</p>
<b>Procedures</b>	<p><b>Direct Instruction/Modeling (I Do)</b> – 15 minutes</p> <ul style="list-style-type: none"> <li>• Students will draft a simple elevation.</li> <li>• Teacher demonstrates setting up graph paper and reference numbers.</li> <li>• Models how to draw wall outline and doorway using proper scale.</li> <li>• Explains dimensioning and labeling conventions.</li> </ul> <p><b>Guided Practice (We Do)</b> – 20 minutes</p> <ul style="list-style-type: none"> <li>• Students begin their elevation following teacher’s steps.</li> <li>• Teacher circulates, checking for precision in lines and measurements.</li> <li>• Peer partners compare progress to catch mistakes early.</li> </ul> <p><b>Independent Practice (You Do)</b> – 20 minutes</p> <ul style="list-style-type: none"> <li>• Students complete their wall elevation including doorway, dimensions, and title.</li> <li>• Final touches: erase guidelines, add extension lines, continuous dimensioning, and “WALL A – FRONT ELEVATION” label.</li> </ul> <p><b>Peer Review &amp; Reflection</b> – 6 minutes</p> <ul style="list-style-type: none"> <li>• Students swap papers with a partner to check accuracy of scale, labeling, and neatness.</li> <li>• Quick class discussion: What was most challenging about drafting to scale?</li> </ul>
<b>Closure</b>	<p>After the class finishes their peer reviews of the drawings, the teacher will reinforce key learning: accuracy, measurement translation, and professional drafting conventions. The teacher will reemphasize how important correct measurements are in drafting for a set and remind students that these skills prepare them for real scenic construction. (5 minutes)</p>
<b>Differentiation: Remediation and Enrichment</b>	<p><b>Remediation:</b></p> <ul style="list-style-type: none"> <li>• Provide pre-labeled graph paper with scaled grid marks for students struggling with measurement.</li> <li>• Teacher assists students by offering suggestions for students that seem stuck or need guidance.</li> </ul> <p><b>Enrichment:</b></p> <ul style="list-style-type: none"> <li>• Challenge advanced students to add a window or second opening to their elevation using proper dimensioning.</li> </ul>