

# Drawing With Perspective Rubric 绘图与透视评价量规

Level	TASK DESCRIPTION	Score
5	<p><b>A technical drawing at this level largely accomplishes all of the following:</b></p> <ul style="list-style-type: none"> <li>• All of the practice activities have been completed to a very high standard;</li> <li>• All of the lines in the final diagram have been drawn perfectly straight using a ruler and converge at the appropriate / necessary points for the specific diagram;</li> <li>• Red and blue guidelines have been used effectively and have been drawn lightly so that the guide lines are visible but are not intrusive;</li> <li>• The diagram has been shaded or coloured which gives the shape form. The quality of the shading is excellent and it takes into consideration the position of the light source and the shadows the object would cast if the object was real.</li> </ul>	
4	<p><b>A technical drawing at this level largely accomplishes all of the following:</b></p> <ul style="list-style-type: none"> <li>• All of the practice activities have been completed using a ruler but may have some minor mistakes or even some miss-alignments;</li> <li>• All of the lines in the final diagram have been drawn straight using a ruler, but there may be the occasional error (i.e. miss-alignment, an overshoot line, etc. );</li> <li>• Guide lines have been used but they may have been drawn using a single color, or they have been drawn using a thin line or dark colour;</li> <li>• The diagram has been shaded and there is evidence of light and shadow being considered by the student when completing their drawing.</li> </ul>	
3	<p><b>A technical drawing at this level is marked by one or more of the following:</b></p> <ul style="list-style-type: none"> <li>• All of the practice activities have been completed but lines have been drawn by hand and may not be perfectly straight;</li> <li>• The lines in the final diagram have been drawn by hand but are relatively neat, or if the lines have been drawn with a ruler, there may have been an accumulation of errors (i.e. miss-alignment, an overshoot line, etc. );</li> <li>• Guidelines may have been used but have been erased, or the diagram has been freehanded with a relatively high degree of accuracy;</li> <li>• The diagram has been shaded but is inaccurate (i.e. the same tone on all sides).</li> </ul>	
2	<p><b>A technical drawing at this level reveals several of the following weaknesses:</b></p> <ul style="list-style-type: none"> <li>• All of the practice activities may have been attempted but may have a number of mistakes such as: miss-alignments, poor line quality, etc.;</li> <li>• The lines in the final diagram have been drawn by hand and may also have an accumulation of errors (i.e. miss-alignment, an overshoot line, etc. );</li> <li>• Guidelines have not been used effectively or are very messy;</li> <li>• The diagram has some shading, but the shading may be incomplete, inaccurate, or is very messy.</li> </ul>	
1	<p><b>A technical drawing at this level is seriously flawed:</b></p> <ul style="list-style-type: none"> <li>• The practice activities are incomplete or seriously flawed;</li> <li>• The lines in the final diagram may: be very messy, do not converge at the appropriate points, and / or lines that should be perpendicular are slanted;</li> <li>• Guidelines have not been used to complete the final diagram;</li> <li>• The diagram has not been shaded.</li> </ul>	
0	<p><b>A technical drawing at this level does not meet expectations:</b></p> <ul style="list-style-type: none"> <li>• A drawing at this level is far from being complete or is completely unacceptable.</li> </ul>	
	<b>Total Score:</b>	<b>/20</b>

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水平	任务描述	得分
5	<p>此级别的技术绘图基本上完成以下所有任务:</p> <ul style="list-style-type: none"> <li>• 所有活动任务都以极高的标准完成;</li> <li>• 最终图表里的所有线条均使用标尺笔直地绘制, 并在特定图表的适当/必要处相交;</li> <li>• 有效使用且轻轻绘制红色和蓝色参考线, 以便其可见但并不突出;</li> <li>• 图表已着色使其呈现出立体感。阴影部分画质优秀, 并考虑到光源的位置和实物投影的情况。</li> </ul>	
4	<p>此级别的技术绘图基本上完成了以下所有任务:</p> <ul style="list-style-type: none"> <li>• 所有活动任务均使用标尺完成, 但可能会有一些小错误, 甚至出现一些不对齐;</li> <li>• 最终图表中的所有线条均使用标尺绘制, 但可能会偶尔出现问题 (如不对齐、超标线等);</li> <li>• 使用参考线, 但可能仅用了一种颜色绘制, 或者是用深色线条绘制的;</li> <li>• 图表已着色, 有证据表明该学生在绘图时会考虑光源和投影。</li> </ul>	
3	<p>此级别的技术绘图完成以下一个或多个任务:</p> <ul style="list-style-type: none"> <li>• 所有活动任务都已完成, 但却是徒手绘制的线条, 可能并不完全笔直;</li> <li>• 最终图表中的线条是徒手绘制的, 但相对整齐, 或者使用标尺绘制线条, 但存在较多问题 (如不对齐、超标线等);</li> <li>• 可能使用了参考线但被擦除, 或者图表以相对较高的准确度徒手绘制;</li> <li>• 图表已着色, 但不准确 (如所有面的色调相同)。</li> </ul>	
2	<p>此级别的技术绘图具有以下几个弱点:</p> <ul style="list-style-type: none"> <li>• 所有活动任务可能已尝试但存在较多问题, 如: 线条不对齐、质量差等;</li> <li>• 最终图表中的线条是徒手绘制, 也可能有较多问题 (如不对齐、超标线等);</li> <li>• 参考线未得到有效使用或非常混乱;</li> <li>• 图表有一些阴影, 但阴影部分可能不完整, 不准确, 或非常乱。</li> </ul>	
1	<p>此级别的技术绘图存在严重缺陷:</p> <ul style="list-style-type: none"> <li>• 活动任务不完整或存在严重问题;</li> <li>• 最终图表中的线条可能: 非常乱, 适当处没相交, 且/或应该垂直的线条却倾斜;</li> <li>• 尚未使用参考线来完成最终图表;</li> <li>• 图表未着色。</li> </ul>	
0	<p>此级别的技术绘图不符合预期:</p> <ul style="list-style-type: none"> <li>• 此级别的绘图未完成或完全不符合要求。</li> </ul>	
<b>Total Score:</b>		<b>/20</b>