

The logo consists of the letters 'N5' in a large, bold, white font, set against a solid purple square background.

National 5  
Coursework  
Assessment Task



---

# National 5 Graphic Communication Assignment Finalised Marking Instructions

The information in this publication may be reproduced to support SQA qualifications. This publication must not be reproduced for commercial or trade purposes. **This material is for use by teachers and lecturers.**

© Scottish Qualifications Authority 2018

# Marking instructions

Marking instructions are provided for this specimen assessment task. In line with SQA's normal practice, they are addressed to the marker. They will also be helpful for those preparing candidates for course assessment.

Marking instructions will not be provided with annual assessment tasks, as candidate evidence will be submitted to SQA for external marking. They will be provided to markers and then published on the SQA website after marking is complete.

## General marking principles

This information is provided to help you understand the general principles that must be applied when marking candidate responses in this assignment. These principles must be read in conjunction with the detailed marking instructions, which identify the key features required in candidate responses.

- a Marks for each candidate response must **always** be assigned in line with these general marking principles and the detailed marking instructions for this assessment.
- b Marking should always be positive. This means that, for each candidate response, marks are accumulated for the demonstration of relevant skills, knowledge and understanding: they are not deducted from a maximum on the basis of errors or omissions.
- c If a specific candidate response is not covered by either the general marking principles or detailed marking instructions, you must seek guidance from your team leader.

## Detailed Marking Instructions

*In all cases, where the candidate's work does not meet the lowest range statement, or where no evidence is provided, then zero marks should be awarded*

Task		Expected response	Max mark	Additional guidance
1.	(a)	<p>Related orthographic drawings and sectional views of the Bird Feeder Base, Case and Top. Two views of Hanging Pin.</p> <ul style="list-style-type: none"> <li>• Three related views of the Base, Case and Top. Must be fully correct for mark <b>(3 marks)</b></li> <li>• Two related views of the hanging pin being correct (must include some indication of component being cylindrical) <b>(1 mark)</b></li> <li>• Correct sectioning across all three components (must be Sectional End Elevation) <b>(1 mark)</b></li> <li>• Enough dimensioning to allow for manufacture <b>(1 mark)</b></li> </ul>	6	<p>If candidate has not dimensioned the individual components, marks should be awarded where the views contain all relevant features and appropriate proportion.</p> <p>Please ensure you refer to the data sheets in the assignment task.</p> <p><b>Apply follow on rule where appropriate.</b></p>
	(b)	<p>Related orthographic views of assembly</p> <ul style="list-style-type: none"> <li>• Accurate assembly in all views - no overlaps and no gaps <b>(1 mark)</b></li> <li>• All views related <b>(1 mark)</b></li> <li>• Sectional Elevation shown, cutting through the vertical centreline <b>(1 mark)</b></li> </ul>	3	<p><b>Apply follow on rule where appropriate.</b></p> <p>No marks to be awarded where a Sectional End Elevation has been shown.</p>

Task	Expected response	Max mark	Additional guidance
(c)	<p>Exploded isometric view of assembly</p> <ul style="list-style-type: none"> <li>• Correct orientation (isometric) and format. <b>(1 mark)</b></li> <li>• Correct spacing &amp; alignment - no overlap of components <b>(1 mark)</b></li> </ul>	<b>2</b>	<p>All components must be exploded to achieve full marks</p> <p>Correct format - where colour has been applied, only award marks where visible edges (lines) are evident.</p> <p>Where only a fully rendered image is provided a maximum of <b>1 mark</b> can be awarded if the spacing and alignment is correct.</p> <p><b>Apply follow on rule where appropriate.</b></p>
(d)	<p>Standards and conventions</p> <ul style="list-style-type: none"> <li>• Sufficient range of evidence correct across all drawings <b>(3 marks)</b></li> <li>• Sufficient range of evidence with some inconsistencies <b>(2 marks)</b></li> <li>• Sufficient range of evidence with many inconsistencies <b>(1 mark)</b></li> <li>• Poor range and/or many inconsistencies <b>(0 marks)</b></li> </ul>	<b>3</b>	<p>Evidence will come from:</p> <ul style="list-style-type: none"> <li>• Dimensioning</li> <li>• 3<sup>rd</sup> angle projection system applied</li> <li>• 3<sup>rd</sup> angle symbol</li> <li>• Suitable scale</li> <li>• Line types</li> <li>• Labels</li> <li>• Title blocks</li> <li>• Correct hatching</li> </ul>

Task		Expected response	Max mark	Additional guidance
2.	(a)	<p>Rendered pictorial illustration</p> <ul style="list-style-type: none"> <li>• Suitable materials - obvious use of plastics in the render. <b>(1 mark)</b></li> <li>• Appropriate lighting/highlights/shadows. <b>(1 mark)</b></li> <li>• Appropriateness of view and quality. <b>(1 mark)</b></li> </ul>	3	<p>Evidence may be found across the assignment task.</p> <p>Graphic must be a pictorial view to gain mark for appropriate view.</p>
	(b)	<p>Two layouts/thumbnails for the advert</p> <ul style="list-style-type: none"> <li>• <b>Thumbnail 1</b> - layout/thumbnail contains product name, extended text and image <b>(1 mark)</b></li> <li>• <b>Thumbnail 2</b> - layout/thumbnail contains product name, extended text and image <b>(1 mark)</b></li> <li>• Clear identification of correct use of dominance in both layouts <b>(1 mark)</b></li> <li>• Clarity of the layout/thumbnail <b>(1 mark)</b></li> </ul>	4	

Task	Expected response	Max mark	Additional guidance
(c)	<p>Final version of bird feeder advert with annotation and justification of principles/elements</p> <ul style="list-style-type: none"> <li>• Correct size (or scaled size) of layout <b>(1 mark)</b></li>   <li>• Good quality visual impact <b>(2 marks)</b></li> <li>• Fair quality visual impact <b>(1 mark)</b></li> <li>• Poor quality visual impact <b>(0 marks)</b></li>   <li>• 2 design elements/principles other than dominance correctly identified <b>(2 marks)</b></li>   <li>• Suitable justification for <b>each</b> of these design elements/principles <b>(2 marks)</b></li> </ul>	<b>7</b>	<p>Markers should measure this to ensure accuracy  <b>270mm x 190mm</b>  Long side/short side = ratio  Accept scaled ratio of 1.39-1.45 inclusive</p> <p>Evidence may come from: alignment, dominance, unity, depth, contrast, line and colour.</p>

Task		Expected response	Max mark	Additional guidance
3.	(a)	<p>Orthographic sketches of components</p> <p>This includes:</p> <ul style="list-style-type: none"> <li>• All components produced correctly. (1 mark)</li> <li>• Related sketches in good proportion. (Look at each component in isolation when awarding this mark). (1 mark)</li> <li>• A clear difference between construction lines and outlines and all projection is correct. (1 mark)</li> <li>• Sketches include sufficient detail to 3D model component (1 mark)</li> </ul>	4	<p>Where a candidate has not sketched all components, maximum 3 marks can be awarded.</p> <p>Disregard hidden detail.</p> <p>Use of a straight edge is permitted.</p> <p><b>Clear evidence of the use of drawing boards with set squares in producing these sketches will result in no marks being awarded.</b></p>
	(b)	<p>Orthographic sketches of assembly</p> <ul style="list-style-type: none"> <li>• Elevation correctly sketched. (1 mark)</li> <li>• End Elevation correctly sketched and projected from the Elevation. (1 mark)</li> <li>• Plan correctly sketched and projected from the Elevation. (1 mark)</li> <li>• Assembled height, width and depth in good proportion. (1 mark)</li> </ul>	4	<p>Follow-on error applies if elevation is incorrect. Views must be related and in 3<sup>rd</sup> angle.</p> <p>Disregard hidden detail.</p> <p>Use of a straight edge is permitted.</p> <p><b>Clear evidence of the use of drawing boards with set squares in producing these sketches will result in no marks being awarded.</b></p>

Task	Expected response	Max mark	Additional guidance
(c)	<p>Rendered pictorial sketch</p> <p><b><u>Sketching</u></b>            Good quality pictorial sketch (2 marks)</p> <p>Fair quality sketch (1 mark)</p> <p><b><u>Rendering</u></b>            Good quality rendering (2 marks)</p> <p>Fair quality rendering (1 mark)</p>	4	<p>No marks awarded for any area if traced from Data sheet 3.</p> <p>No marks awarded for poor quality sketching or rendering.</p> <p>Use of a straight edge is permitted.</p> <p>Clear evidence of the use of drawing boards with set squares in producing these sketches will result in no marks being awarded for the sketch only.</p>
	<b>Total</b>	<b>40</b>	

[END OF MARKING INSTRUCTIONS]