



# GCSE Computing Controlled Assessment

**Unit A452 Practical investigation**

**Unit Recording Sheet**

Please read the instructions printed on the other side of this form. **One** of these Unit Recording Sheets, suitably completed, should be attached to the assessed work of **each** candidate.

<b>Unit</b>	<b>A452</b>	<b>Year</b>	<b>2</b>	<b>0</b>		
<b>Centre Name</b>		<b>Centre Number</b>				
<b>Candidate Name</b>		<b>Candidate Number</b>				

	<b>Guidance</b>			<b>Teacher Comment</b>	<b>Mark</b>
<b>Practical investigation</b>	<p>There may be limited evidence of any practical investigation. The evidence supplied is minimal with limited relevance to the set task. The practical evidence may be largely the result of group or teacher led activity with limited input from the student.</p> <p>0 = no response or responses not worthy of credit</p>	<p>There is evidence of a practical investigation. The evidence supplied is documented clearly and is relevant to the set task. There is evidence of individual research beyond the group activity and any teacher led activity. The practical investigations show signs of planning but there may be omissions made in assessing the consequences.</p>	<p>There is evidence of a well-structured practical investigation. The evidence supplied is well organised and clearly relevant to the set task. There is extensive evidence of individual practical investigation beyond the group activity and any teacher led activity. The practical investigation shows clear signs of planning and a structured approach, providing a complete investigation of the set topic area. The practical investigation has been carried out with skill and due regard to safety issues.</p>		<b>Max 15</b>
	<b>[0 - 5]</b>	<b>[6 - 10]</b>	<b>[11 - 15]</b>		

<p style="text-align: center;"><b>Effective and efficient use of techniques</b></p>	<p>The techniques used will produce partially working solutions to a small part of the problem.</p> <p>0 = no response or responses not worthy of credit</p> <p><b>[0 - 3]</b></p>	<p>The techniques will be used appropriately giving working solutions to most of the parts of the problem.</p> <p>Some parts of the solution may be executed in a partial or inefficient manner.</p> <p><b>[4 - 7]</b></p>	<p>The techniques are used appropriately in all cases giving an efficient, working solution for all parts of the problem.</p> <p><b>[8 - 10]</b></p>		<p><b>Max 10</b></p>
<p style="text-align: center;"><b>Technical understanding</b></p>	<p>The candidate demonstrates a limited understanding of the technical issues related to the scenario.</p> <p>Little detail is presented.</p> <p>There is limited indication of any evidence provided being analysed.</p> <p>There is limited use of technical terminology.</p> <p>0 = no response or responses not worthy of credit</p> <p><b>[0 - 3]</b></p>	<p>The candidate demonstrates a reasonable understanding of the technical issues related to the scenario.</p> <p>The amount of detail presented is adequate to support the arguments.</p> <p>There is some analysis carried out on the evidence collected.</p> <p>Technical terminology is for the most part used appropriately.</p> <p><b>[4 - 7]</b></p>	<p>The candidate demonstrates a thorough and secure understanding of the technical issues related to the scenario.</p> <p>A wide range of relevant and detailed information is presented.</p> <p>The evidence which has been collected is fully analysed.</p> <p>Technical terminology is used correctly. At the top end of the band, this will be extensive and confidently used.</p> <p><b>[8 - 10]</b></p>		<p><b>Max 10</b></p>

<b>Conclusions and evaluation</b>	<p>Conclusions are limited with little justification. The solution is presented with limited evidence of testing. Information may be ambiguous or unclear. There is limited reference to evidence. The evidence of written communication is limited with little or no use of specialist terms. There are many errors in spelling, punctuation and grammar. The evaluation may be simplistic with little or no relevance.</p> <p>0 = no response or responses not worthy of credit</p>	<p>The material has structure and coherence with justifiable conclusions being reached although there may be some omissions. There is evidence that the solutions have been tested for basic functionality. Candidates have produced a sound evaluation which reviews some aspects of the task. There is evidence of good written communication using some specialist terms. There are few errors in spelling, grammar and punctuation. Specialist terms are used appropriately and for the most part correctly.</p>	<p>Thorough and convincing conclusions have been reached, which are borne out by the research carried out by the candidate. The solutions are fully tested and there is little doubt that the solutions presented are fully functional. This material has been presented in a clear and relevant way which is simple to navigate. A high level of written communication is obvious throughout the task and specialist terms/technology with accurate use of spelling is used. Grammar and punctuation are consistently correct. The evaluation is relevant, clear, organised and presented in a structured and coherent format.</p>		
	<b>[0 - 3]</b>	<b>[4 – 7]</b>	<b>[8- 10]</b>		<b>Max 10</b>
<b>Total/45</b>					

### **Guidance on Completion of this Form**

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Using the guidance identify the most appropriate mark range for the work and enter the mark awarded for each element in the mark column.
- 4 Add appropriate comments to assist the moderator in the 'Teacher Comment' column.
- 5 Add the marks for the strands together to give a total out of 45. Enter this total in the relevant box.