

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

<b>Unit Title</b>	<b>Forensic science</b>	<b>Unit Code</b>	<b>G625</b>	<b>Session</b>	Jan / June	<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>				

**Evidence:** The candidate needs to produce evidence of their investigation into forensic science.

Criteria			Teacher Comment	Mark	Page No.
<p>AO1(a).1: Candidate will demonstrate a basic knowledge of the need to record and preserve the crime scene, giving some of the techniques used;</p> <p style="text-align: right;"><b>[0 1 2]</b></p>	<p>AO1(a).2: candidate will demonstrate knowledge and understanding of the need to record and preserve the crime scene, describing a range of techniques used;</p> <p style="text-align: right;"><b>[3 4]</b></p>	<p>AO1(a).3: candidate will demonstrate a thorough knowledge and understanding of the need to record and preserve the crime scene with a detailed description and explanation of a wide range of techniques used.</p> <p style="text-align: right;"><b>[5]</b></p>			
<p>AO1(b).1: The candidate's work will show some information on how forensic scientists collect and visualise evidence safely using</p> <ul style="list-style-type: none"> <li>• chemical techniques; <b>[0 1]</b></li> <li>• biological techniques; <b>[0 1]</b></li> <li>• physical techniques; <b>[0 1]</b></li> </ul> <p>with evidence of some scientific terminology and corrected punctuation and grammar;</p>	<p>AO1(b).2: the candidate's work will show research and information on ways in which forensic scientists collect and visualise evidence, safely and appropriately, using</p> <ul style="list-style-type: none"> <li>• chemical techniques; <b>[2]</b></li> <li>• biological techniques; <b>[2]</b></li> <li>• physical techniques; <b>[2]</b></li> </ul> <p>generally, candidate will use appropriate scientific terms correctly, and use correct punctuation and grammar;</p>	<p>AO1(b).3: candidate will produce an in-depth research report showing understanding of a range of ways in which forensic scientists collect and visualise evidence, safely and appropriately, using</p> <ul style="list-style-type: none"> <li>• chemical techniques; <b>[3 4]</b></li> <li>• biological techniques; <b>[3 4]</b></li> <li>• physical techniques; <b>[3 4]</b></li> </ul> <p>the candidate will understand the science behind these techniques and use appropriate scientific terms and conventions correctly, with correct spelling, punctuation and grammar.</p>			
<p>AO1(c).1: The candidate's work will show a basic knowledge of ethical issues involved in retaining samples or data;</p> <p style="text-align: right;"><b>[0 1]</b></p>	<p>AO1(c).2: the candidate's work will show a range of information on ethical issues related to forensic science;</p> <p style="text-align: right;"><b>[2 3]</b></p>	<p>AO1(c).3: the candidate's work will show a range of relevant information on ethical issues in forensic science and an understanding of the need for an ethical code.</p> <p style="text-align: right;"><b>[4]</b></p>			

Criteria			Teacher Comment	Mark	Page No.
<p>AO2(a).1: The candidate's report, based on a case study, will contain some information on evidence and proof including information on the strengths and limitations of some types of forensic evidence;</p> <p style="text-align: right;"><b>[0 1 2]</b></p>	<p>AO2(a).2: the candidate's report, based on a case study, will contain detailed information on evidence and proof which includes</p> <ul style="list-style-type: none"> <li>• the ways in which forensic scientists ensure that the quality of evidence collected and analysed is objective;</li> <li>• strengths and limitations of the analytical techniques used and some interpretation of the probability of guilt;</li> </ul> <p style="text-align: right;"><b>[3 4]</b></p>	<p>AO2(a).3: the candidate's report, based on a case study, will contain researched and relevant detailed information on evidence and proof which includes</p> <ul style="list-style-type: none"> <li>• the ways in which forensic scientists ensure that the quality of evidence collected and analysed is objective;</li> <li>• detail on limitations;</li> <li>• strengths and weaknesses of the analytical techniques used;</li> <li>• an understanding of the probability of guilt and of a need to review evidence.</li> </ul> <p style="text-align: right;"><b>[5 6]</b></p>			
<p>AO2(b).1: Candidate will complete straightforward calculations on forensic data and will sometimes obtain the correct solutions;</p> <p style="text-align: right;"><b>[0 1]</b></p>	<p>AO2(b).2: candidate will complete straightforward calculations on forensic data and will obtain the correct solutions;</p> <p style="text-align: right;"><b>[2 3]</b></p>	<p>AO2(b).3: candidate will complete more complex calculations and will obtain the correct solutions to an appropriate degree of accuracy.</p> <p style="text-align: right;"><b>[4]</b></p>			
<p>AO3(a).1: Candidate will safely carry out <b>one</b> forensic analysis in <b>each</b> of the <b>three</b> areas</p> <ul style="list-style-type: none"> <li>• biological</li> <li>• chemical</li> <li>• physical</li> </ul> <p>and record evidence of completion; candidate will use risk assessments;</p> <p style="text-align: right;"><b>[0 1 2 3 4]</b></p>	<p>AO3(a).2: candidate will carry out at least <b>one</b> forensic analysis in <b>each</b> of the <b>three</b> areas</p> <ul style="list-style-type: none"> <li>• biological</li> <li>• chemical</li> <li>• physical</li> </ul> <p>safely and with some skill and confidence; candidate will produce and use suitable risk assessments and record evidence of completion; candidate will use a range of techniques and equipment and repeat some measurements where necessary; candidate will work with an appropriate degree of accuracy;</p> <p style="text-align: right;"><b>[5 6]</b></p>	<p>AO3(a).3: candidate will carry out <b>at least one</b> forensic analysis, in <b>each</b> of the <b>three</b> areas</p> <ul style="list-style-type: none"> <li>• biological</li> <li>• chemical</li> <li>• physical</li> </ul> <p>safely, skilfully, and accurately using different techniques; candidate will produce detailed risk assessments and use them appropriately and record evidence of completion; candidate will explain why they used the range of techniques and equipment and repeat measurements where appropriate; candidate will work with an appropriate degree of accuracy throughout.</p> <p style="text-align: right;"><b>[7 8]</b></p>			

Criteria			Teacher Comment	Mark	Page No.
AO3(b).1: Candidate will make and record at least <b>one</b> set of forensic observations or measurements in each area and display the data obtained;  <b>[0 1 2]</b>	AO3(b).2: candidate will make and record at least <b>one</b> set of appropriate forensic observations or measurements in each area, using some precision in their measurements, and display the data accurately in a range of ways;  <b>[3]</b>	AO3(b).3: candidate will make and record at least <b>one</b> set of relevant forensic observations and measurements in each area, using the appropriate precision in the candidate's measurements, and candidate will display the data accurately in a range of ways.  <b>[4 5]</b>			
AO3(c).1: Candidate will attempt to process and interpret some results in each of the <b>three</b> areas;  <b>[0 1 2]</b>	AO3(c).2: candidate will process and interpret their results in each of the <b>three</b> areas;  <b>[3 4]</b>	AO3(c).3: candidate will process and interpret their results in each of the <b>three</b> areas in detail, discussing their significance.  <b>[5 6]</b>			
<b>Total/50</b>					
If this work is a re-sit, please tick	Session and Year of previous submission	Jan / June	<b>2</b>	<b>0</b>	Please tick to indicate this work has been standardised internally

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website ([www.ocr.org.uk](http://www.ocr.org.uk)).  
A completed Centre Authentication form CCS160 **must** accompany the MS1 when it is sent to the moderator.

### 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 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
- 5 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.