

# Physics B (Advancing Physics)

## OCR Advanced Subsidiary GCE H159 Unit G493(b) Physics in Use Coursework Assessment Form

<b>Examination session</b>	June
----------------------------	------

<b>Year</b>	2	0		
-------------	---	---	--	--

<b>Centre name</b>	
--------------------	--

<b>Centre number</b>					
----------------------	--	--	--	--	--

<b>Candidate name</b>		<b>Candidate number</b>				
-----------------------	--	-------------------------	--	--	--	--

**A copy of this sheet must be attached to each candidate's work as a record of the assessment. The full criteria on which the assessment should be based can be found in the Teacher Support: Coursework Guidance.**

### INSTRUCTIONS FOR COMPLETION

- 1 Each of these forms should be completed for each candidate for each of parts (a) and (b) of this unit.
- 2 Please ensure that the appropriate boxes at the top of the forms are completed.
- 3 Enter the mark awarded for each coursework task in the appropriate box.
- 4 Add the marks for all the coursework tasks together to give a total out of 10.
- 5 Sign and date the forms.

	<b>5</b>	<b>3</b>	<b>1</b>
<b>A</b> Research and Presentation	<b>(i) Independence</b> The focus of the presentation is clear. A material has been chosen and set in a clear context. Independent and acted upon advice. All the important decisions about the development came from the student.	The report has a focus and a particular material has been chosen. Independent but needed advice to make progress. Most of the ideas about the development came from the student.	Some data and facts about a material are included. Needed substantial guidance at every stage. Few of the ideas included came from the student.
	<b>(ii) Sources</b> Good range and variety of sources. The sources used are fully identified and listed in a bibliography. The contribution of each source to the presentation is clear.	Slightly restricted range of sources. Some of the sources are identified in the bibliography. There is some indication of where the sources are used in the presentation.	At least one source of information is used directly and can be identified. There is little linkage between the sources used and the presentation.
	<b>(iii) The presentation</b> There is a clear structure to the presentation that aids clarity. The more difficult ideas are clearly explained. There is particularly good use made of illustrations and images. Data where included is presented clearly.	Some care has been taken to order the information presented. Where data is presented its inclusion is justified. Illustrations / images are usually clear.	The content of the presentation is related to the title but the work lacks coherence. It is not always clear why data or diagrams have been included.
	<b>/5</b>		
<b>B</b> Use and Understanding of Physics	<b>(i) Scope of physics included</b> A substantial amount of related physics from the AS course is included.	Some physics from the AS course related to the study of materials is included.	The work is purely descriptive. There is little development of the ideas.
	<b>(ii) Use of Physics</b> The student has discussed a range of the materials properties both microscopic and macroscopic and has explained why they are important in the chosen context.	At least one property either macroscopic or microscopic of the material has been linked to the chosen context.	The properties of the material that are discussed have not been linked to the context.
	<b>(iii) Understanding of physics</b> A sound knowledge of AS physics is used to interpret and understand the behaviour of the material in the chosen context.	Some understanding of physics is used to explain the behaviour of the material.	Simple physics is used which is mainly descriptive.
<b>/5</b>			
<b>RATING TOTAL</b>			<b>/10</b>
<b>Assessor's Signature:</b>		<b>Date:</b>	

**Additional Comments**