

Access to HE Diploma Assignment Brief (Form AP3)



Unit title and code: **Core Science RA1/3/AA/06G**

Assignment brief title: **Leaflet linking biological molecules, elements and the digestive system**

Reason example was chosen:

The assignment brief takes a novel scenario (the production of a leaflet targeted at a specific audience). It then clearly provides the points which must be covered in the leaflet, linking to them to the Assessment Criteria. The Grade Descriptors are contextualised in detail.

This assignment brief was kindly provided for the One Awards example assignment bank by:
Redcar and Cleveland College

Please note – this example was chosen because it is a demonstration of good practice for the reasons stated above. The example may be used to inform the development of new assignments by other providers but may not be used in its entirety and without alteration.

Form AP3

Version 1.0		Page 1 of 4
<i>Original created:</i> Sept 2014	<i>Last edited:</i> Sept 2017	<i>Due for review:</i> Sept 2018
Access Science: Core Science Assignment 1 of 3- Linking biological molecules, elements and the digestive system 2017-18		

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Provider name:	Redcar and Cleveland College
Access Diploma title:	Access Diploma to HE in Science
Unit title and code:	Core Science RA1/3/AA/06G
Assignment title and number, e.g. 1 of 1 or 1 of 2 etc:	Assignment 1 of 3: Leaflet linking biological molecules, elements and the digestive system
Assessor name:	

Assignment briefing and mapping to unit:

You are to produce an **introductory guide** on food and the way the digestive system works. This will take the form of an academic **A3 leaflet** and will be aimed at students studying a Science related Access Diploma.

You must:

- a) **Distinguish** with reasons between atoms, elements, compounds and mixtures and **discuss** their role within the digestive system, giving examples where relevant.
(AC 1.1, 1.2)
- b) **Examine** the structure and role of carbohydrates, proteins, lipids and nucleic acids
(AC 2.1)

Images can be incorporated within your text but must be referenced using **Harvard referencing** accordingly. The guide must be written in your own words to demonstrate understanding of the subject area

(1000 words)

***Please note that wordage must be included at the end of the task in brackets. You must include a reference/bibliography section however references are not included within your word count.**

Assignment hand out date:	
Assignment submission deadline date:	
Draft(s) permitted: Yes/No	

Mapping to Unit

This assignment covers the following learning outcomes & assessment criteria.

Learning Outcome 1

LO 1 Understand how elements combine in different ways

Assessment Criteria:

- 1.1 Distinguish, with reasons, the differences between elements, compounds and mixtures
- 1.2 Discuss the roles played by elements, compounds and mixtures in a natural or industrial process

Learning Outcome 2

LO2 Understand the nature of biological molecules

Assessment Criteria

2.1 Examine the structure and role of the following biological molecules:

- Carbohydrates
- Proteins
- Lipids
- Nucleic acids

Grading information for this assignment

Grade descriptor:	7: Quality (GD7a)
The student, student's work or performance:	
For a pass:	Meet the assessment criteria to achieve the learning outcomes for the unit
For Merit:	<p>a is structured in a way that is generally logical and fluent</p> <p>Contextualisation: - the structure of your leaflet must generally follow a set and clear sequence with your sentences/ paragraphs although there may be some inconsistencies or unevenness in the overall structure. You must demonstrate fluency for this grade hence your work must flow freely and focus on addressing the given tasks with relevant information.</p>
For distinction:	<p>a is structured in a way that is consistently logical and fluent</p> <p>Contextualisation: - the structure of your leaflet must follow a set and clear sequence with your sentences/ paragraphs without any inconsistencies or unevenness in the overall structure. You must demonstrate fluency for this grade hence your work must flow freely and focus on addressing the given tasks with relevant information without any deviation from this.</p>
Additional Guidance notes	Your leaflet should include images relevant to the task in hand and support your understanding of your work. All work including images must be Harvard referenced and a Bibliography included with your work.

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Grade descriptor:	2:Application of Knowledge (GD 2a/b)
The student, student's work or performance:	
For a pass:	Meet the assessment criteria to achieve the learning outcomes for the unit
For Merit:	<p>a makes use of relevant facts with</p> <p>b breadth that goes beyond the minimum required to Pass</p> <p>Contextualisation: - you should demonstrate a very good understanding of the digestive process and the components of biological molecules. You should be able to highlight the key terms confidently as per the tasks. You should take care to ensure that you do not use too much description which shows limitations in your ability to use information. You will apply the knowledge, which you have acquired to the preparation of the leaflet. For this grade, some aspects of the discussion and application of knowledge may be limited or unclear at times.</p>
For distinction:	<p>a makes use of relevant facts with both</p> <p>b breadth and depth</p> <p>Contextualisation: - you should demonstrate an excellent understanding of the digestive process and the components of biological molecules. You should be able to highlight and relate to the key terms confidently as per the tasks. Your use of description is relevant and demonstrates your ability to use information. You will show excellent application of knowledge in the preparation of the leaflet. For this grade, aspects of the discussion and application of knowledge will be extensive and clear.</p>
Additional Guidance notes	Thorough relevant research from various sources is required and you must apply your knowledge to demonstrate understanding in your own words to the given tasks. A word count must be included and your name should be written on the top of your leaflet and the requirement for referencing should be addressed.

Declaration: I confirm that this assignment is all my own work and that it conforms to the course policy on plagiarism as stated in the course handbook.

Print name:	Learner signature:	Date:

Extension requested (Please attach request with assignment)

Print name:	Learner signature:	Date :