

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.

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Access Science: Core Science Assignment 1 of 3- Linking biological molecules, elements and the digestive system 2017-18		



Redcar and Cleveland College
Access Diploma to HE in Science
Core Science RA1/3/AA/06G
Assignment 1 of 3: Leaflet linking biological molecules, elements
and the digestive system

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	

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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

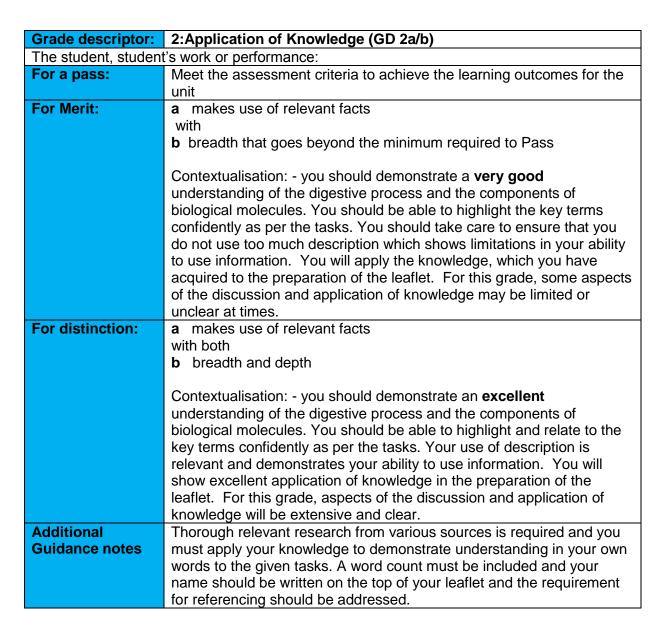
Grading information for this assignment

Grade descriptor:	7: Quality (GD7a)		
The student, student	The student, student's work or performance:		
For a pass:	Meet the assessment criteria to achieve the learning outcomes for the		
	unit		
For Merit:	a is structured in a way that is generally logical and fluent		
	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.		
For distinction:	a is structured in a way that is consistently logical and fluent 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.		
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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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:		

Extension requested (Please attach request with assignment)		
Print name:	Learner signature:	Date :

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