

Access to HE Diploma Assignment Brief (Form AP3)



Unit title and code: **Chemical Science – RA1/3/AA/05G**

Assignment brief title: **Investigating aspects of inorganic chemistry**

Reason example was chosen: The assignment was chosen as an innovative and interesting way of assessing the assessment criterion.

This assignment brief was kindly provided for the One Awards example assignment bank by:
East Durham College

Please note – this example was chosen because it is a demonstration of good practice, as stated above. The assignment may not be used in its entirety for use on Access to HE Diplomas delivered by other providers.

Provider Name:	East Durham College
Access Diploma Title:	Science
Unit Title and Code:	Chemical Science – RA1/3/AA/05G
Assignment Title and number, e.g. 1 of 1 or 1 of 2 etc:	Assignment 1 of 3 - Investigating aspects of inorganic chemistry
Assessor Name:	

Assignment briefing and mapping to unit:

A new newspaper dedicated to delivering scientific information to the masses has been launched in your area!

You have been asked to design a two page spread in the centre of the newspaper – one page of which is to be used as an advertisement, the other as an article of no more than 500 words.

The spread needs to alert people to the world of d-block elements (from scandium to zinc) – and must demonstrate to the audience that they have a metallic character and variable valency. This is as well as their ability to form co-ordination compounds and that their ions form colours in solution characteristic to themselves. Finally, you have been asked to discuss a practical situation where one of these transition metals acts as a catalyst (AC3.1).

Assignment hand out date:	27 April 2017
Assignment submission deadline date:	14 May 2017
Draft(s) permitted: Yes/No <i>If yes, include deadline date(s) for draft(s)</i>	No

Mapping to Unit

This assignment covers the following learning outcomes and assessment criteria.

LO3 – Understand the behaviour of d-block elements.

AC3.1 – Explain the properties of the first row transition elements from scandium (Sc) to zinc (Zn):

- Metallic character
- Variable valency
- Co-ordination compounds
- Characteristic ion colours
- Behaviour as catalysts

Grading information for this assignment

Grade Descriptor:	7c: Quality
The student, student's work or performance:	
For a Pass:	Meet the assessment criteria to achieve the learning outcomes for the unit
For Merit:	c taken as a whole, demonstrate a very good response to the demands of the assignment
For Distinction:	c taken as a whole, demonstrate an excellent response to the demands of the brief/assignment
Additional Guidance notes	

Grade Descriptor:	1a Understanding of the subject
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 demonstrates a very good grasp of the relevant knowledge base
For Distinction:	a demonstrates an excellent grasp of the relevant knowledge base
Additional Guidance notes	This is your opportunity to demonstrate the knowledge you have acquired in in organic chemistry so far

Grade Descriptor:	3a and c Application of skills
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 generally selects appropriate <ul style="list-style-type: none"> • methods with c very good levels of <ul style="list-style-type: none"> • consistency
For Distinction:	a consistently selects appropriate <ul style="list-style-type: none"> • methods with c excellent levels of <ul style="list-style-type: none"> • consistency
Additional Guidance notes	As you have not completed a practical, you need to show here that you are able to apply your <i>intellectual</i> skills.

Declaration: I confirm that this assignment is my best attempt and all my own work and that it conforms to the course policy on plagiarism.

Print name:

Student signature:

Date: