

Extended essay: Example commentary

Subject	Chemistry	WSEE theme (if applicable):	
Category for language essays (if applicable):		Subjects used for WSEE (if applicable):	
Title of essay:	Calculating the reaction between methyl azide and propyne, with and without homogeneous catalysts		
Research question:	Can we get an insight on how the rate of the reaction between methyl azide and propyne differs with and without a homogeneous catalyst?		
Assessment details			
Criterion	Mark awarded	Commentary	
A: Focus and method [Maximum possible mark: 6]	5	The topic is communicated in an effective fashion and framed within the context of the subject; as stated, the research question needs some further focus (which catalyst/s is/are going to be analysed?) and a better phrasing (this is a yes/no answer-type question ...); research is appropriate and focus on the research question is kept throughout the work.	
B: Knowledge and understanding [Maximum possible mark: 6]	6	Good application of sources; sound use of technical vocabulary; clear knowledge and understanding of topic. There are some issues with the use of significant figures but good command of topic and calculations required are still inferred.	
C: Critical thinking [Maximum possible mark: 12]	10	Excellent research and analysis (mathematical skills go far beyond expected); however, argument and discussion are not always straightforward. There is a conclusion aligned with findings and evaluation of method is sound. Critical approach places the mark in the upper band; lapses in argument in the lower strand of it.	

D: Presentation [Maximum possible mark: 4]	3	Good presentation overall, but transition between titles is abrupt, which makes it sometimes difficult to follow. However, all in all, this does not hamper understanding and it meets the expected standards.
E: Engagement [Maximum possible mark: 6]	4	While reflections are descriptive and to some extent lacking accuracy, there is engagement inferred and some account for learning outcomes.
Total marks awarded	28/34	

Chemistry: Example F



[Student work \(PDF\)](#)



[RPPF \(PDF\)](#)

This example uses secondary data.