

Assessment Record: Combined Science

FOR GCSEs FOR SUMMER 2021



Assessment Record for determining teacher assessed grades in Summer 2021
HEATHFIELD COMMUNITY SCHOOL
Science department
Edexcel, Combined Science, 1SCO

Assessment Evidence Form

Please detail the assessments used for the subject cohort (i.e. assessment resource, mock examination, controlled assessment, homework etc.). The Assessment Evidence Form should include the sources of the assessment evidence being used and the rationale for the choice of evidence, the level of control under which assessments were completed (i.e. exam-type conditions would provide a high degree of control), and any other evidence that explains the determination of the final teacher assessed grades.

Note: Ideally, the evidence used will be consistent across the class or cohort but that may not always be the case if a student has missed some teaching, or one or more assessments, for valid reasons. Any necessary variations for individual students should be recorded using the additional form below.

Indicate which assessment objectives were covered in each piece of assessment evidence (Y/N), and whether the assessment was conducted with a High (H), Medium (M) or Limited (L) level of control.

Assessment Date	Type of Assessment Foundation Higher	1SCO			Level of Control H, M, L	Rationale
		AO1	AO2	AO3		
Assessment 1: Biology A 15/03/2020	November 2020 Paper 1 1SCO/1BF - 36 Marks 1SCO/1BH - 37 Marks	Y	Y	Y	H	<p>Paper 'A's are first parts of paper 1 and paper 'B's are the remaining parts of paper 1 including additional questions from paper 2 where appropriate.</p> <p>All science assessments were undertaken during timetabled lessons.</p> <p>Assessments were timetabled to take place on the same day wherever possible to ensure reliability.</p> <p>Teachers have worked to a set of guidelines in delivering these assessments under high control including invigilation.</p> <p>Extra time/access arrangements have been given to those who are eligible and opportunities to complete tasks remotely for those affected by Covid and/or illness.</p>
Assessment 2: Chemistry A 22/03/2020	November 2020 Paper 2 1SCO/1CF - 36 marks 1SCO/1CH - 38 Marks	Y	Y	Y	H	
Assessment 3: Physics A 26/03/2020	November 2020 Paper 3 1SCO/1PF - 36 Marks 1SCO/1PH - 36 Marks	Y	Y	Y	H	
Assessment 4: Biology B 20/04/2020 21/04/2020	November 2020 Paper 1+ Paper 4 1SCO/1BF - 24 Marks 1SCO/2BF - 20 Marks 1SCO/1BH - 23 Marks 1SCO/2BH - 20 Marks	Y	Y	Y	H	
Assessment 5: Chemistry B 26/04/2020	November 2020 Paper 2+ Paper 5 1SCO/1CF - 24 Marks 1SCO/2CF - 20 Marks 1SCO/1CH - 22 Marks 1SCO/2CH - 20 Marks	Y	Y	Y	H	
Assessment 6: Physics B 30/04/2020	November 2020 Paper 3 1SCO/1PF - 24 Marks 1SCO/1PH - 24 Marks	Y	Y	Y	H	
AP1 Assessment Mock Papers	June 2019	Y	Y	Y	H	Whole past papers for paper 1 in each subject. Completed in the examination hall in strictly high conditions.

Mock examination in November 2020						
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Rationale Summary

We are satisfied appropriate guided learning hours were delivered to accurately assess on all paper 1 content in Biology, Chemistry and Physics. Whole paper 1s (paper 1, 2 and 3) were used for assessment with additional questions from paper 2 (paper 4,5 and 6). November 2020 was chosen as it was the unseen exam series available, and we were confident that students did not have access to these assessments or mark schemes at any point during the assessment window.

Due to the impact of COVID school closures we were unable to finish teaching the paper 2 content and so were unable to assess on whole paper 2 content (papers 4, 5 and 6). As some paper 2 content was delivered; we did assess on areas that we had been able to allocate sufficient teaching time to. When selecting paper 2 questions we ensured that topics were kept consistent between higher and foundation students i.e. Photosynthesis. Due to COVID we were unable to teach any paper 2 physics and therefore were unable to test on any paper 2 Physics (combined science paper 6) content.

We carefully selected questions that satisfied the Edexcel weightings of the three assessment objectives: A01 40%, A02 40% and A03 10%; so that grade boundaries used after the assessments were appropriate. Students entered for Higher tier were given questions from higher papers only and students entered for foundation were assessed using questions from foundation papers only. Paper 2 questions were looked at on balance to ensure they did not exceed the maths allocation overall i.e. Biology 20%, Chemistry 20%, Physics 30%.

During data collection raw marks were converted to percentages allowing actual grade boundaries to be considered when allocating grades.

Student’s grades were allocated using the 6 assessments undertaken during the assessment window. Mock grades from 2020 were only considered in extenuating circumstances and with guidance from Senior leaders.

A series of moderation and standardisation procedures were undertaken to ensure that all assessments were marked accurately and consistently.

Subject Title: Combined Science

Subject Code: 1SCO

Head of Department: Rebecca Smith

Signature: _____ Date: _____

