

Summary of Pearson Level 1/Level 2 GCSE (9–1) Combined Science/Biology/Chemistry/Physics Specification changes

Issue 2

Biology

Summary of changes made between previous issue and this current issue	Page number
Inclusion of calculation information in the assessment overview section	4
Specification statement 1.3 has been amended to include the word 'organelles'	10
Inclusion of B against specification statements 5.5f, 5.5g, 5.6e and 5.6f as these are for Biology only	20
Specification statements 5.24a and 7.17 have been amended to correct the BMI equation from 'weight' to 'mass'	22, 26
Specification statement 6.9 has been amended from 'describe' to 'explain'	23
In <i>Appendix 4: Practical Science Statement</i> the statement has been amended	51
Addition of <i>Appendix 8: Calculators</i> which contains the rules around calculator use in the examinations	56

Chemistry

Summary of changes made between previous issue and this current issue	Page number
Inclusion of calculation information in the assessment overview section	4
Specification statement 1.31 has been moved to the end of the Covalent bonding section	13
Specification statements 1.41 and 1.42 have been moved to the end of the Types of substance section	14
Specification statement 1.44 has been reworded to include 'percentage composition'	15
Specification statement 2.7 has been reworded for clarity	17
Specification statement 4.11 has been amended to 'life-cycle assessment' rather than 'life time assessment'	22
Specification statement 6.12 has been amended to include 'the substances that are oxidised and which are reduced'	28
Specification statement 8.26 has been amended to include a new part a about the composition of today's atmosphere	34
Specification statement 9.27C has been amended to include 'and that alcohols can be dehydrated to form alkenes' to the end of the statement	39

Specification statement 9.30C has been amended to include 'and that solutions of carboxylic acids have typical acidic properties' to the end of the statement	39
In <i>Appendix 5: Practical Science Statement</i> the statement has been amended	62
Addition of <i>Appendix 9: Calculators</i> which contains the rules around calculator use in the examinations	67

Physics

Summary of changes made between previous issue and this current issue	Page number
Inclusion of calculation information in the assessment overview section	4, 5
Specification 5.9 has been reworded to include 'Core Practical' at the beginning of the statement	20
Specification statement 5.14 is now bold as it is for higher tier only	20
The transformer equation 13.10 in <i>Appendix 2: Equations in Physics</i> is now in italics	59
In <i>Appendix 6: Practical Science Statement</i> the statement has been amended	68
Addition of <i>Appendix 10: Calculators</i> which contains the rules around calculator use in the examinations	73

Combined Science

Summary of changes made between previous issue and this current issue	Page number
Inclusion of calculation information in the assessment overview section	4-6
BIOLOGY	
Specification statement 1.3 has been amended to include the word 'organelles'	13
Specification statement 3.4c has been amended to include nucleotides	17
Specification statements 5.24a and 7.17 have been amended to correct the BMI equation from 'weight' to 'mass'	22, 27
Specification statement 6.9 has been amended from 'describe' to 'explain'	24
CHEMISTRY	
Specification statement 1.31 has been moved to the end of the Covalent bonding section	35
Specification statements 1.41 and 1.42 have been moved to the end of the Types of substance section	36
Specification statement 1.44 has been reworded to include 'percentage composition'	37
Specification statement 2.7 has been reworded for clarity	39
Specification statement 4.11 has been amended to 'life-cycle assessment' rather than 'life time assessment'	44

Specification statement 6.12 has been amended to include 'the substances that are oxidised and which are reduced'	46
Specification statement 8.26 has been amended to include a new part a about the composition of today's atmosphere	52
PHYSICS	
Specification 5.9 has been reworded to include 'Core Practical' at the beginning of the statement	62
APPENDICES	
In <i>Appendix 7: Practical Science Statement</i> the statement has been amended	109
Addition of <i>Appendix 11: Calculators</i> which contains the rules around calculator use in the examinations	114

Issue 3

Biology

Summary of changes made between previous issue and this current issue	Page number
The mapping of the maths skill 3b to content topics 5.24, 6.6, 8.5B and 8.12 has been removed.	22, 23, 28
Head Teacher Declaration Form has been updated. The deadline to complete and submit the Head Teacher Declaration form has been changed from 15th May to 15th April. Also, the form of submission has been changed from email to a website upload.	51

Chemistry

Summary of changes made between previous issue and this current issue	Page number
Head Teacher Declaration Form has been updated. The deadline to complete and submit the Head Teacher Declaration form has been changed from 15th May to 15th April. Also, the form of submission has been changed from email to a website upload.	62

Physics

Summary of changes made between previous issue and this current issue	Page number
Head Teacher Declaration Form has been updated. The deadline to complete and submit the Head Teacher Declaration form has been changed from 15th May to 15th April. Also, the form of submission has been changed from email to a website upload.	68

Combined Science

Summary of changes made between previous issue and this current issue	Page number
PHYSICS	
The wording of Topic 4.4 – Waves has been corrected to: Use the terms amplitude, period, wave velocity and wavefront as applied to waves	61

Issue 4

Combined Science

Summary of changes made between previous issue and this current issue	Page number
The mapping of the math skill 3b to content topics 1.6, 5.24, 6.6, 8.12 has been removed.	13, 22, 24, 28
Head Teacher Declaration Form has been updated. The deadline to complete and submit the Head Teacher Declaration form has been changed from 15th May to 15th April. Also, the form of submission has been changed from email to a website upload.	109