

KEY STAGE FOUR SUBJECT INFORMATION

Subject Title: **GCSE Combined Science**

Subject Team Leader: **Mr L Adams (ladams@perins.hants.sch.uk)**

Examination Board: **OCR www.ocr.org.uk/**

Course Content

The GCSE Combined Science qualification provides the foundation for understanding the material world. Students are introduced to various key concepts in biology, chemistry and physics, and develop their understanding of how these ideas can help describe diverse and complex natural phenomena.

Topics of study

BIOLOGY

B1: Cell level systems
 B2: Scaling up
 B3: Organism level systems
 B4: Community level systems
 B5: Genes, inheritance and selection
 B6: Global challenges

CHEMISTRY

C1: Particles
 C2: Elements, compounds and mixtures
 C3: Chemical reactions
 C4: Predicting and identifying reactions and products
 C5: Monitoring and controlling chemical reactions C6
 Global challenges

PHYSICS

P1: Matter
 P2: Forces
 P3: Electricity and magnetism
 P4: Waves and radioactivity
 P5: Energy
 P6: Global challenges

Examinations

Biology Paper 1 – B1, B2, B3
 Biology Paper 2 – B4, B5, B6
 Chemistry Paper 1 – C1, C2, C3
 Chemistry Paper 2 – C4, C5, C6
 Physics Paper 1 – P1, P2, P3
 Physics Paper 2 – P4, P5, P6

EACH EXAM COUNTS 16.7% OF THE OVERALL
 COMBINED SCIENCE GRADE

EXAMS ARE 1hr 10 min

Total marks available 70

Students studying three separate Sciences or
 Combined Science will be following the OCR
 Gateway specification

