

Subject: Combined science (Edexcel)



City of Norwich School
An Ormiston Academy | Excellence in all

Teacher responsible for the subject: Miss Spinks

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This course covers:

YEAR 10:

Biology	Chemistry	Physics
1. Cells & control 2. Genetics 3. Natural selection & genetic modification 4. Health, disease & development of medicine	1. Separating and purifying 2. Key concepts 3. Ionic substances 4. Covalent substances 5. Metals: bonding, extraction, and reactions 6. Periodic table 7. Fuels and Earth Science 8. Atmospheric science 9. Carbon Chemistry	1. Motion 2. Forces 3. Energy 4. Waves 5. Electromagnetic Spectrum 6. Radiation

YEAR 11:

Biology	Chemistry	Physics
1. Plant structures & their function 2. Exchange & transport in animals 3. Animal coordination, control & homeostasis 4. Ecosystems & material cycles	1. Rates and energy of reactions 2. Equilibria 3. Electrolysis 4. Making salts	1. Forces and Work 2. Electricity 3. Magnetism 4. Particle and fluid behaviour 5. Forces and Springs

The teachers say: "We love teaching this course because:

"It gives students the opportunity to explain how the world around them works"

"It helps students develop critical thinking and problem solving skills"

"We love teaching students to be inquisitive"

The students say: "We enjoy this course because:

"Our teachers explain it in a way that helps us understand"

"It's inspired me to take a Science at A-level"

What future pathways might be open to me if I study combined science?

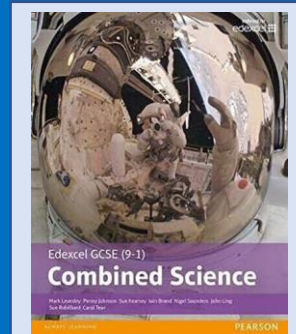
A-levels including biology, chemistry, environmental science, physics

T levels including agriculture environmental & animal care, construction, engineering & manufacturing, health & science,

Applied general qualification in science level 3

BTEC's including applied science, medicine and dentistry, engineering and manufacturing

Core Textbook:



Edexcel GCSE (9-1)

Combined Science

(Pearson)

ISBN; 978-1292120195

Our recommended

Revision Resources:

Seneca learning

Carousel learning

