

GCSE Science Options

Triple Science VS Double Science

3 GCSEs

2 GCSEs

2013 Stats

- 56% opted for triple science
- 90% achieved **A*** - **C**
40% achieved **A*** - **A**.
- Provides a very good grounding for taking A level sciences.



- 44% opted for double science
- 67% achieved **A*** - **C**
8% achieved **A*** - **A**.
- For some pupils that find exams too challenging, a BTEC qualification is offered increasing our % of pupils achieving level 2 qualification to



2013 Level 2 = **91%**

What if I
have 1
weaker
science??

Why Choose Triple Science???

3 modules
studied in
each science
(see slides 4,
5 & 6).

3 exams
1 piece of
coursework
All equally
weighted
(25%)

3 separate
GCSE's -
Biology,
Physics and
Chemistry.

For example,
you could get
an A* in
Chemistry, an
A* in Physics
and a B in
Biology.



Do I only pick my 2 best/favourite sciences?

Choosing Double Science



2 modules in each science (see slides 4, 5 & 6).

3 different sciences - ONLY 2 GCSEs

Year 10
One exam in each science
1 piece of coursework
All equally weighted (25%)

Same in Year 11

What is studied at GCSE Science?

• Biology B1

- Response and regulation - skin/hormones/stimuli
- Variation
- Evolution
- Inheritance
- Interdependence, adaptation and competition
 - Health
- Monitoring the environment
- Nutrient transfer

Biology B2

- Respiration
- DNA and cell division
- Photosynthesis
- Digestion
- Respiratory system
- Cells
- Membrane transport
- Biodiversity and the environment

Biology B3

- Plant transport
- Blood and circulation
- Nervous system
- Kidney
- Microbes and their application
- Microbes and disease

Triple
science
ONLY

What is studied at GCSE Science?

• Chemistry C1

- Atomic structure and the periodic table
 - Compounds
 - Metals
 - Non metals
- Reactions of acids
- Fuels and plastics
- The ever changing earth

Chemistry C2

- Atomic structure and the periodic table
 - Alkali metals and halogens
- Bonding, structure and properties
 - Rates
- Basic organic chemistry
- Chemical calculations
 - Water

Chemistry C3

- Additional organic chemistry
- Reversible reactions and industrial processes
 - Titrations
 - Limestone
- Chemical analysis

Triple
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What is studied at GCSE Science?

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Physics P1

- Energy
- Electricity
- Waves
- Ionising radiation
- Space

Physics P2

- Radioactivity
- Electricity
- Forces and motion
- Work and energy
- Nuclear physics

Physics P3

- Electromagnetism
- Waves
- Motion
- Gases
- Stars

Triple
science
ONLY