GCSE Science Options

Triple Science

VS

Double Science

2 GCSEs

3 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 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.

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



Do I only pick my 2 best/favourite sciences?



Choosing Double Science

3 different sciences - ONLY 2 GCSEs

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

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

Same in Year 11

What is studied at GCSE Science?

Biology B1

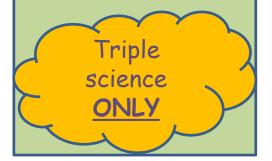
- Response and regulation skin/hormones/stimuli
 - Variation
 - Evolution
 - •Inheritance
 - Interdependence, adaptation and competitionHealth
 - Monitoring the environment
 - Nutrient transfer

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



What is studied at GCSE Science?

Chemistry C1

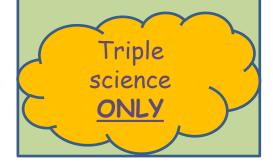
- Atomic structure and the periodic table
 - •Compounds
 - ·Metals
 - ·Non metals
 - Reactions of acids
 - Fuels and plastics
 - •The ever changing earth

Chemistry C2

- Atomic structure and the periodic table
 - Alkali metals and halogens
 - Bonding, structureand propertiesRates
 - Basic organic chemistry
- Chemical calculationsWater

Chemistry C3

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



What is studied at GCSE Science?

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