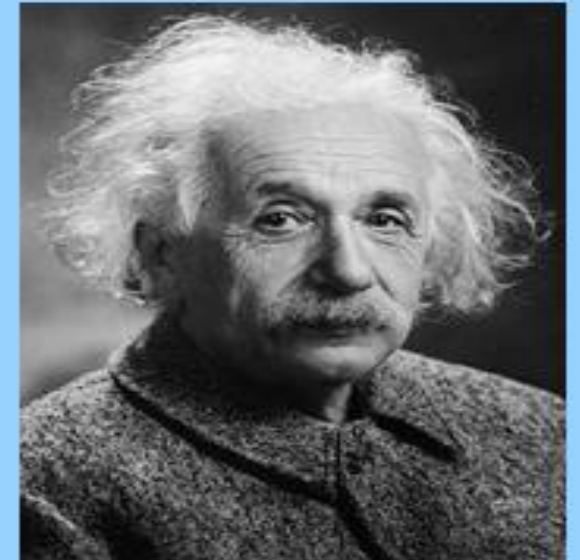
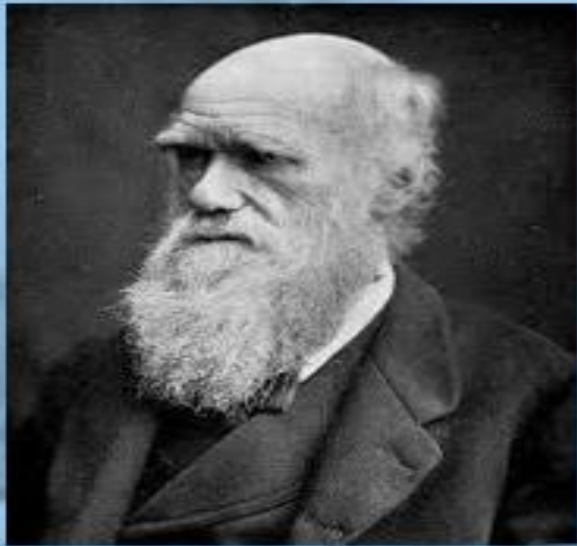


Welcome to Triple Science



Head of Science

Teachers

Currently Mrs Tunney
From December - Miss Taylor
Mrs Tysall
Dr. Steventon
Mrs Toms-Arbel
Mr Olaleru

What is the difference between Triple Science and Combined Science?

Triple Science

- 3 GCSE's at the end of the course (Bio, Chem, Phy)
- Examined at the end of yr11
- More teaching hours but more content to cover

Easier transition to A-level Sciences

Combined Science

- 2 GCSE's at the end of the course
- All examined at the end of yr11
- Less teaching hours but less content to cover

How will I be examined?

- No controlled assessment, 100% exam - 2 papers per science (1hr 45mins each)
- More exam questions drawing on maths skills
- Exam questions will draw on experience students gain from practical work (15%)
- Students required to keep records of practical work carried out
- Minimum of 8 set practical's
- 3 year linear course
- All examinations will take place at the end of year 11
- Grades are awarded as numbers.

REQUIRED PRACTICAL BOOKS- To support required practicals.

Why take Triple Science?

Doctor

Marine Biologist

Vet

Agricultural Scientist

Healthcare worker

Teacher

Electrician

Mechanic

Forensic Scientist

Agricultural Engineer

What topics will I cover?

Biology

- Cell Biology
- Organisation
- Bioenergetics
- Infection & response
- Homeostasis & response
- Inheritance, variation & evolution
- Ecology
- Organisation of an ecosystem

What topics will I cover?

Chemistry

- Atomic structure & the periodic table
- Structure, bonding & properties of matter
- Chemical changes
- Energy changes
- Rates of reaction
- Organic chemistry
- Chemical analysis
- Earth & atmosphere

What topics will I cover?

Physics

- Energy
- Forces
- Forces & motion
- Waves in matter
- Light & electromagnetic waves
- Electricity
- Magnetism & Electromagnetism
- Particle model of matter
- Atomic structure
- Space physics

What support will I have?

Staff

Subject specialists and dedicated teachers

Resources available- revision guides and more...



What do you need to succeed at triple science?

- Ideally, aiming for grade 5 in year 9.
- Enjoy practical work
- Enjoy learning about science
- Want to have 3 GCSEs
- A good understanding of literacy and maths

Should I take triple science GCSE if I want a career in science?

Questions?

If you're already thinking about university and careers and are interested in science-based degrees and jobs then it is definitely worth considering taking Triple science GCSEs

I don't want to be a scientist. Is it worth doing triple science?

Questions?

Whatever career you are considering, taking triple science GCSE will set you up well for later life. Employers are crying out for candidates with science-based skills

What should I do if I'm not sure?

Questions?

Studying the sciences separately means you get more of a chance to find out about each of them, and you might find an aspect you really enjoy.

Isn't triple science just for the clever students?

Questions?

If you love science then you should definitely consider the triple award. Everyone does their best in subjects they enjoy. And you might find that there's a certain area of science you excel in.

Is triple science GCSE hard?

Questions?

This course is spread over three years so you will have time to complete the course fully and prepare for your exams thoroughly.

What do you need to succeed at triple science?

- Ideally, aiming for grade 5 in year 9.
- Enjoy practical work
- Enjoy learning about science
- Want to have 3 GCSEs
- A good understanding of literacy and maths

Any Questions?

Email address:

s.tunney@ludlowschool.com

Still not sure? Take some inspiration from Dr Lewis Dartnell



Triple Science... Meet A Scientist... Anything is Possible!



Watch later



Share

