



# DLS Science Learning Journey.



Go to university to enhance your studies and get a degree  
Join the Work force



**BTECs**  
Applied Science  
Applied Human Biology  
Applied Psychology  
Forensic and Criminal Investigation  
Pharmaceutical Science

**A - level Sciences**  
Biology  
Chemistry  
Physics  
Environmental Science  
Geology



Start A level Sciences or BTEC Science at college or begin an apprenticeship

Year 13 Prom

Revise for A - level or BTEC exams

Apply for University through UCAS or alternative post 18 courses

Visit a university and become inspired and informed



Look at the entry requirements for Degree Courses



**YEAR 12/13**

Year 11 Prom



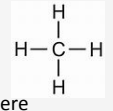
Sit your final exams



**YEAR 11**

**Biology Triple**  
Inheritance, Variation and Evolution/  
Ecology

**Chemistry Triple**  
Organic Chemistry  
Chemical Analysis  
Chemistry of the Atmosphere  
Using Resources



**Physics Triple**  
Waves  
Magnetism and Electromagnetism  
Space Physics



**GCSE Triple Science**

**GCSE Combined Science**

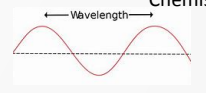
Revise and complete your October (Paper 1) mock exams

Paper 1 mock exam therapy

Revise and complete your January / February (Paper 2) mock exams

Revision for your final GCSE exams

Revise for your Year 11 mock exams



**Combined Science**  
Rate and extent of chemical change/ Inheritance, Variation and Evolution / Organic Chemistry / Chemical Analysis / Chemistry of the Atmosphere / Waves/Forces

Write a CV and attend a mock interview

**Combined Science**  
Ecology / Using Resources / Magnetism and Electromagnetism

Careers-Attend Sixth Form Open Evening and careers event



Access the AQA website and familiarize yourself with the course



**HOMEWORK**  
Engage in Remote learning on TEAMS, bbcbitsize, & SENECA



Write an effective revision calendar

Write a CV and personal statement

**Biology Triple**  
Infection and Response  
Bioenergetics  
Homeostasis and response

**Chemistry Triple**  
Chemical Changes

**Physics Triple**  
Particle Model of Matter  
Atomic Structure  
Forces

**Biology Triple**  
Cell Biology  
Organization

**Chemistry Triple**  
Atomic Structure and the Periodic Table  
Bonding, Structure and the properties of matter  
Quantitative Chemistry

**Physics Triple**  
Energy  
Electricity

Revise and complete your Year 10 GCSE examinations

The topics taught will depend on your options – **Combined Science or Triple Science**

**GCSE Triple Science**

**GCSE Combined Science**

**Combined Science**  
Infection and Response / Bioenergetics / Particle Model of Matter / Quantitative chemistry

**Combined Science**  
Cell Biology / Organization / Atomic Structure and the Periodic Table / Bonding, Structure and the Properties of Matter / Energy / Electricity/Energy

Start your GCSE Science course (either **Combined Science or Triple Science**)



**YEAR 10**

**HOMEWORK**  
Engage in Remote learning on TEAMS, and SENECA

**YEAR 9**

**Term 1**  
Periodic Table  
Reactivity Series  
Exothermic and Endothermic  
Chemical Reactions  
Catalysts



**Term 2**  
Light  
Sound  
Colour



**Term 3**  
Project Work  
Knowledge checks  
DTT

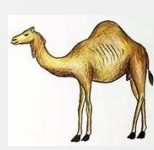
Options

Develop your practical skills in readiness for the GCSE courses

Sign up for the Duke of Edinburgh award



**Term 3**  
Energy Efficiency  
Renewable Energy  
Work and Power  
Inheritance  
Variation  
Evolution



**Term 2**  
Ecosystems  
Interdependence  
Adaptations  
Energy Stores  
GPE



**Term 1**  
Rocks  
Structure of the Earth  
Global Warming  
Solar System  
Photosynthesis



**HOMEWORK**  
Engage in Remote learning on TEAMS, and SENECA

**YEAR 8**

**Begin to think about careers**

What options do I need to choose at the end of Year 9?  
What are the College entry requirements?  
What subjects am I interested in?  
What career would I like to have in the future?



**Look at careers in Science**  
Volcanologist / Space scientist/  
Meteorologist/Ecologist/Architect/Parasitologist

**KS3**

**Term 1**  
Health and Safety  
Particles  
The Periodic Table  
Cells

Develop your practical science skills

**Term 2**  
Reproduction  
DNA and Genes  
Force pairs  
Density  
Pressure



**Term 3**  
Velocity  
Magnetism  
Digestion  
Respiration  
The Skeleton



**HOMEWORK**  
Engage in Remote learning on TEAMS, Seneca

**YEAR 7**

Sit SATS in Y6

**KS2**



**KS1**

**Introduction to Science**



Develop a thirst for reading

**PRIMARY SCHOOL**

Careers-  
Dietician  
Forensic investigator  
NASA scientist



Introduction to Health and Safety when working in the laboratories.

Year 6 introduction

Attend Transition week

**Transition Programme**  
DLS Science days.

**Building the foundation.**  
Light  
States of matter  
Rocks  
Forces and magnets  
Sound  
Earth and space  
Evolution and inheritance  
Electricity

**Building the foundation.**  
Plants  
Animals  
Materials  
Seasons  
Habitats

Forge and develop friendships that will last a lifetime

Develop a lifelong love of learning

