

Science Journey at Bosworth Academy

How can you progress in Science?



Take a gap year, travel and embrace the world



Revision for GCSE exam



Human body systems, Earth's resources and generating electricity

Diffusion, osmosis, hydrocarbons and heat transfer



Cells, Structure and bonding and Energy

Start with learning some scientific skills



Visit Bosworth Academy's Open Evening

Be equipped with the knowledge to understand the uses and implications of science

Develop scientific knowledge of Biology, Chemistry and Physics

Develop a curiosity about the world around you



Body Systems and Forces

Mission 3 – My Healthy Mind

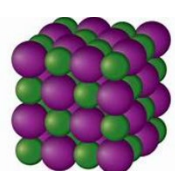
Chemical Reactions



Mission 2 – My NET Zero School – Botanical Bosworth

Develop understanding of the nature, processes and methods of science

Particles and their behaviour



Mission 1 – Who am I? Cells and Reproduction

YEAR 7

Assessment Point 1

Atoms elements and compounds

Assessment Point 2

Light



Mission 1 – Everyone matters

Ecosystems and processes

Assessment Point 1

Metals in Acid

Electromagnetism

Mission 3 – My Healthy Body and Soul

Assessment Point 3

YEAR 9

Health and Lifestyle

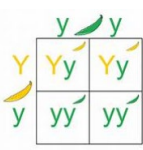
Assessment Point 2

Energy

Mission 2 – The 10x Challenge

The periodic table

Adaptation and inheritance



Photosynthesis and Respiration, Chemical Changes and Motion

Brain and the Eye, Energy Changes and Forces

Periodic table patterns, Radioactivity and Diseases

Selective Breeding, Organic Reactions and Electromagnetic Induction

March Mock Exams

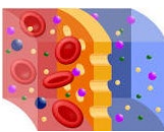
Human health and disease, chemical calculations and waves



Human Population and Impact, Using Resources and Space

Atomic Structure and Bonding

Cells and Cell Transport



Mechanics and Materials

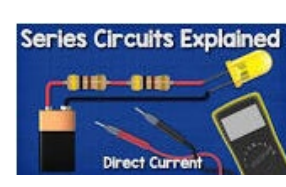
Homeostasis, Chemical Calculations 2 and household electricity



Equilibria and Alcohols

DNA and Genetics

Vaccination, Electrolysis and Electricity



YEAR 11

End of year 10 mock exams

Organisms, Communities, Rates of Reaction and Pressure



AS Science Exams

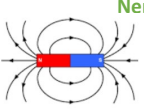
Organic Analysis and Carboxylic Acids

Waves and Optics



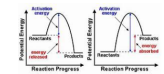
Response and the Nervous System

Exchange and Mass Transport

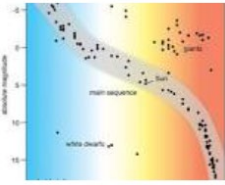


Energetics and Hydrocarbons

Genes and Recombinant DNA



Astrophysics



Biological molecules and Nucleic Acids

YEAR 12

YEAR 13

UCAS

Apply for University through UCAS or alternative post 18 Science courses



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DC Circuits and components

Organic Analysis and Carboxylic Acids

AS Science Exams

Rates and Carbonyl compounds

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