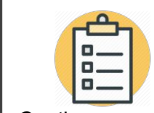


Continue your education by starting 6th form to study Chemistry A level

Continue your education by starting 6th form to study Biology A level



Continue your education by starting 6th form to study Applied Science



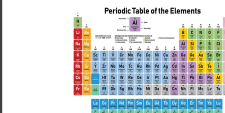
Continue your Learning Journey through the KS4 national curriculum

Complete your Y9 end-of-year test to show off your learning.

Develop your knowledge of forces from yr7

Learn about ionic, covalent and metallic bonding

Master the use of VESRAY to perform energy calculations



Explore the groups of the periodic table

Develop your understanding of atoms from yr7

Investigate what food groups different foods belong to

Explain how to maintain a healthy balanced diet.

Investigate what food groups different foods belong to

Ecology: Describing habitats, how organisms compete for resources and how they are adapted to their environments

What do you know about Science? Student will portray what they know about Science

YEAR 7

Choose your science extra-curricular activities

What are the different states of matter

Perform your first practical

Describe energy transfers

Learn about the major organ systems in the human body

Describe what is in our blood and how it moves around our body

Visit Westfield Academy during Transition Day

Develop a thirst for reading

Meet our science teacher through Yr6 visits

Develop a lifelong love of learning

Complete your taster day booklet to support with your transition to secondary school

Sit SATS in Yr6

Apply for a place at Westfield Academy

Improve your literacy & numeracy through the form time programme

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Describe the structure of an atom

Introduction to the periodic table

Describe the structures found in a cell

Use a microscope for the first time

Name different forces that act on objects

Draw simple force diagrams

Understand forces that affect motion

Understand how electric vehicles are designed and drive one

British Science Week - why is science important?

Describe how genes are inherited

Draw Punnett squares to demonstrate inheritance

Describe the structure of DNA

Describe bonding of elements

Complete investigations into separation techniques

Develop your knowledge of atoms and the periodic table

Develop your Yr7 knowledge of particles

Discuss which data presentation is best for a set of data.

Perform a scientific investigation with your working scientifically skills from Year 7 and 8

Identify outliers in a set of data to ensure data is accurate.

Explain how cells grow from one cell to a multicellular organism.

Describe the conservation of energy

Investigate the five factors that affect a rate of a reaction

Analyse the properties of different chemical structures

Evaluate the importance of a vaccination programme

Describe different diseases and their causes

Describe the different types of chemical bonds

Explain the properties of magnetism

Explain factors affecting braking distance

Revise for & sit public GCSE exams

Consider summer internship & voluntary work to enhance learning

Investigate reaction times

Investigate how to make a salt

Describe biotic and abiotic factors that impact the biodiversity of an ecosystem

Evaluate metal extraction techniques

Explain how impulses and hormones are communicated in the body

Describe Newton's three laws of motion

Separate dyes based on the Rf value

Attend Yr11 Leavers' event

Complete your Y10 end-of-year test to show off your learning.

Debate the different things humans can do to improve the biodiversity on Earth.

Explain uses of E.M waves in the world today

Describe the properties of transverse and longitudinal waves

Investigate Ohm's Law

Differentiate between series and parallel circuits

Calculate the concentration of different chemicals

Evaluate how we can improve energy usage in society

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