

Science Learning Journey

BIOLOGY

CHEMISTRY

PHYSICS

BTEC Applied Science



A Level Biology



A Level Chemistry



A Level Physics



SIXTH FORM

GCSE Exams

Revision

Space (separate Physics only)

Chemistry of the atmosphere

Magnetism & electromagnets

Chemical analysis

Ecology

Mocks

The rate and extent of chemical change

Forces

Organic chemistry

Mocks

Energy changes

Electrolysis

Bioenergetics-photosynthesis & respiration

YEAR 11

Revision

Waves

Inheritance, variation and evolution

Homeostasis & response

Mocks

Reactions

Infection & response

Forces

Atomic structure

Chemical changes

Electricity

Organisation-plants & animals

Quantitative chemistry

Particle model of matter

Cell specialisation, transport & division

Cell division & reproduction

Energy

Cells & specialised cells

YEAR 10

Waves - Light

Earth - Climate & Using resources

Waves - Properties & effects

Atomic structure & states of matter

Chemical reactions & energy

Genes - Inheritance

Genes - Evolution

Electromagnetism

Atomic structure & the periodic table

Energy

Organisation & digestion

Bonding, structure & the properties of matter

Forces - Contact & pressure

Ecosystems - Photosynthesis

Earth - Universe

Organisms - Digestion

Ecosystems - Respiration

YEAR 9

Organisms - Breathing

Earth - Rock cycle

Reactions - Metals and non-metals

Reactions - Periodic table

Ecosystems - Interdependence

Organisms - Healthy diet

Electricity

Matter - Elements

Welcome to science at Brunts!

YEAR 8

YEAR 7

Genes - Variation

Genes - Reproduction

Organisms - Specialised cells

Organisms - Movement

Matter - Particle model

Organisms - Cells

Energy - Cost and transfer

Matter - Separating mixtures

Waves - Sound

Reactions - Acids & alkalis

Forces - Speed & gravity

Science Investigation skills