



St Gabriels Year 11 Science Learning Journey



A level Sciences – Biology, Chemistry and Physics
(Need grade 6 and above and grade 6 in Maths)



End of year exams!!

Permanent and induced magnets



BTEC Human Biology
(Need Grade 5 in Science)



Other post 16 options – Apprenticeships, other A level subjects, other BTEC subjects, other training, College?

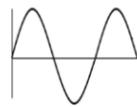
PHYSICS

P7 Magnetism and electromagnetism



The motor effect

Transverse and longitudinal waves



Electromagnetic waves



Work done and energy transfer

Interactions of forces



C10 Using resources

Life cycle assessments and recycling



Greenhouse gases



C9 Chemistry of the atmosphere

Atmospheric pollutants



Potable water



Evolution of the Earth's atmosphere

P5 Forces

Scalars and vectors



Forces and motion



Momentum



P6 Waves

CHEMISTRY

C8 Chemical analysis



Fractional distillation



Purity and formulations

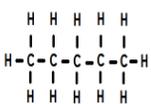


C7 Organic Chemistry

Rate of reaction



Carbon compounds



Reversible reactions and dynamic equilibrium



C6 The Rate and Extent of Chemical Change

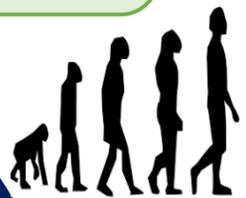
Hormonal control in humans



The nervous system

B5 Homeostasis and response

Homeostasis



Understanding genetics and evolution



Variation and evolution



Reproduction



11

Adaptations

Organisation of an ecosystem



B7 Ecology

Classification



Biodiversity and human interaction



B6 Inheritance, variation and evolution

BIOLOGY