

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

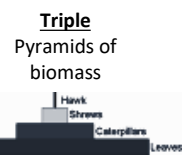
BTEC Human Biology  
(Need Grade 5 in Science)

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



Triple Mycoprotein

Triple Sustainable fishing



Triple Food production

Maintaining biodiversity



Waste

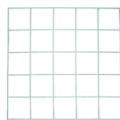
Deforestation & land use



Ecology



Predator & prey adaptations



Quadrats



Field investigations  
*Required Practical*



Carbon cycle



Triple Decay  
*Required Practical*



Global warming



YEAR 11

Abiotic & biotic factors



Temperature adaptations



Triple Embryo transplants



Water cycle



Triple Plant cloning



Genetic engineering



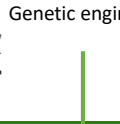
Fossils



Triple Speciation



Triple Plant cloning



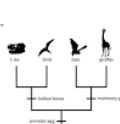
Triple Antibiotic resistance



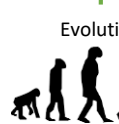
Extinction



Classification



Evolution



Triple Adult cell cloning



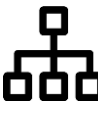
Selective breeding



Triple Mendel



Genetic inheritance



Gender determination

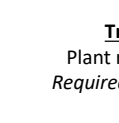


Menstrual hormones

Infertility



Triple Plant response  
*Required Practical*



Asexual & sexual reproduction



DNA



Genetic disorders

Genetic disorders

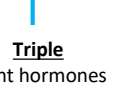
Triple Kidney failure



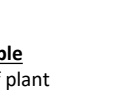
Contraception



Triple Plant hormones



Triple Use of plant hormones



Inheritance & Variation

Meiosis



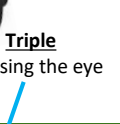
Triple DNA Mutations



Triple Water control



Triple Focusing the eye



Triple The brain



Nervous system



Homeostasis & Response

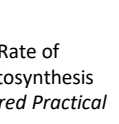
Anaerobic respiration in industry



Aerobic respiration

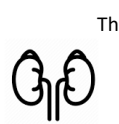


Rate of photosynthesis  
*Required Practical*

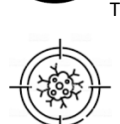


Insulin & diabetes

The endocrine system



Triple The eye



Reaction time  
*Required Practical*



Reflex response



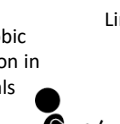
Body temperature



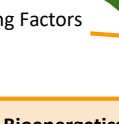
Exercise



Anaerobic respiration in animals



Limiting Factors



Photosynthesis



YEAR 10

Infection & Response

White blood cells



Antibiotics



Drug development



Plant diseases



Bioenergetics



The heart & lungs

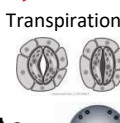


Temperature/pH and Enzymes  
*Required Practical*

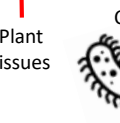
Blood



Transpiration



Plant tissues



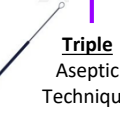
Communicable diseases



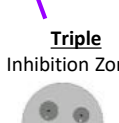
Vaccines



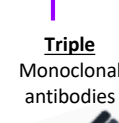
Triple Aseptic Technique



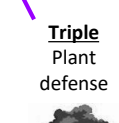
Triple Inhibition Zones



Triple Monoclonal antibodies



Triple Plant defense



KS3 Units

Organisms

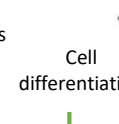
Ecosystems

Genes

YEAR 9

Cell Biology

Cell differentiation



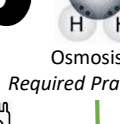
Microscopes  
*Required Practical*



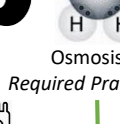
Stem cells



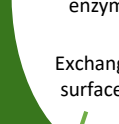
Exchange surfaces



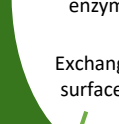
Osmosis  
*Required Practical*



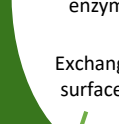
Digestive enzymes



Food tests  
*Required Practical*



Digestive system



Organisation

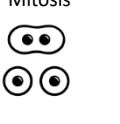
Active Transport



Diffusion



Mitosis



Magnification



Cell structure

