



Biology Learning Journey at Manor High School

Biology Paper 2:

Homeostasis,
Inheritance and
ecology

Biology Paper 1:

Cells, organisation,
infection and
response
Bioenergetics

GCSES

Biodiversity

Ecology

Classification

Genetic
engineering

Inheritance

Nervous
system

Natural selection

Genetic
crosses

Hormones

**Year
11**

Diseases

Development of
drugs

Photosynthesis

Digestive
system

Circulatory
System

Plant
transport

Defense
against disease

Respiration

**Year
10**

Abiotic and biotic
factors

Selective
breeding

Evolution

Cell division

Cells

Adaptations

Competition

Ecosystems

Extinction

Inheritance

Cell transport

**Year
9**

Photosynthesis

Defence against
diseases

vaccination

Plant tissues

Microbes and
pathogens

Diseases

Effect of illegal
drugs

Effect of smoking

Anaerobic
respiration

Circulatory
system

Enzymes

Food tests

Effect of
exercise and
asthma

Respiration

Respiratory
system

Digestive system

Balanced diet

**Year
8**

Food chains and webs

Food security

Puberty

Animal and plant
adaptions

Predator and
prey

Seed dispersal

Tissues,
organs,
systems

Microscopes

Pregnancy

Fertilisation

Human
reproductive
systems

Plant reproduction

Skeletal and
muscular
systems

Specialised
cells

Cells

**Year
7**