



Biology Learning Journey at Manor High School

Year 11
Biology
GCSE

How has science helped us to identify and treat disease?

How is man increasing food production to meet increasing demand?

What causes organisms to become extinct?

How does our endocrine system work?

How does our body maintain a constant environment?

YEAR
11

What, ethical and moral issues surrounding gene modification?

What evidence is there for evolution?

How are genetic diseases inherited?

How does our nervous system work?

How do cells divide?

How do systems work together?

What causes disease and how can we prevent it?

How do organisms respire?

How has understanding of helped scientists develop medicines?

Y11 transition-
What is affects the stability of our ecosystems?

Opportunity to buy a KS4 revision guide

YEAR
10

How do cells transport materials?

What is health and what affects it?

How does our immune system work?

How do scientists maximise plant growth?

Year 10 Biology Exam

How do we classify organisms?

How do organisms evolve?

What causes variation?

What is biodiversity and how is man affecting it?

How do we sample populations?

How do plants transport materials?

What factors affect photosynthesis?

Y9 Biology exam

How do we use selective breeding?

What causes variation?

How do we inherit characteristics

What is the carbon cycle?

What affects the distribution of organisms?

What are the products of photosynthesis?

YEAR
Y9

How does the body respire?

How is oxygen carried around the body?

What are the effects of recreational drugs?

Y8 Biology Exam

How do we inhale and exhale?

How is the respiratory system adapted?

What changes happen during exercise?

How does the heart work?

How do enzymes and bile help digestion?

How do we test food groups?

How are plants adapted for photosynthesis?

How is energy transferred in a food chain?

How do organisms depend upon each other?

How do we digest food?

What is a balanced diet?

How do plants make their own food?

How are organisms adapted for survival?

What influences where an organism lives?

YEAR
Y8

What are the functions of the skeletal and muscular system?

What are the functions of the reproductive structures?

How do plants reproduce?

How do animals reproduce?

How do zygotes develop to multicellular organisms?

Y7 Biology Exam

What are tissues, organs and systems?

How are plant and animal cells different?

What are living organisms made from?

Opportunity to buy a KS3 revision guide

How do we observe cell?

How are cells adapted for function?

What are the functions of cell structures?

Health and safety induction

YEAR
Y7

welcome