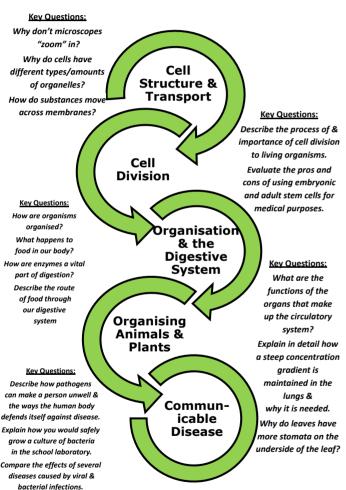
Kings Priory School

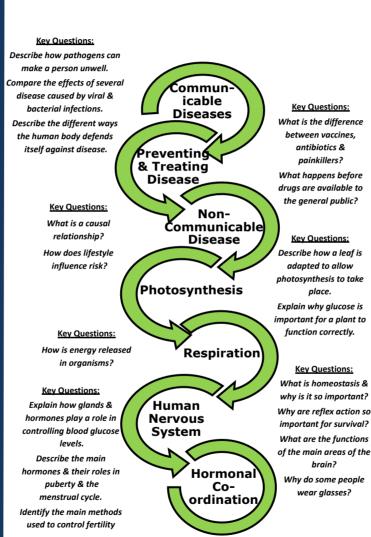
Key Stage 4 Biology - Triple Science Curriculum



YFAR 9



YFAR 10



Kev Questions:

YFAR 11

Hormonal

Control

Řeproduction

Genetics &

Evolution

Organising

An

Ecosystem

Homeostasis̀

Variation

& Evolution

Adaptation,

Interdependence

& Competition

Biodiversity

Ecosystem

Explain how alands & hormones play a role in controllina blood alucose levels.

Describe the main hormones & their roles in puberty. Identify the main methods used

to control fertility.

Key Questions:

Why do some cells divide by meiosis rather than mitosis? Can you predict offspring phenotype? Evaluate the statement

"screening of all embryos should be offered to all pregnant couples".

Key Questions:

How did science help us understand our genes? How do we use fossils? How do we group organisms?

Key Questions:

Describe how energy is transferred from the sun to a cow? Identify the main parts of the decay, carbon & nitrogen cycles. Describe the factors that affect the rate of decomposition.

How does the body deal with external & internal changes? How do we treat kidney

Kev Questions:

failure?

Key Questions:

Explain why identical twins never looks exactly the same

Is selective breeding humans determining natural selection? Evaluate the pros & cons of genetics engineering.

Kev Questions:

How many daisies are on the school field? How are camels & cacti adapted to survive in the desert?

Kev Questions:

billion people?

How can we limit the effect of humans on the environment? How can we produce food more effectively?

What are the effects of 7.5