Subject: Triple Biology (Edexcel)

City of Norwich School
An Ormiston Academy – Excellence in all

Teacher responsible for the subject: Dr Hanfrey

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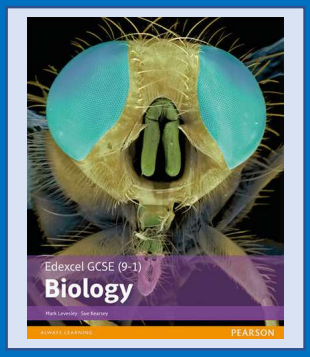
This course covers:
YEAR 10:
Topic 1 Key concepts in Biology is split up and taught within the other topics of the course
Topic 2 Cells & Control looks at how organisms grow through cell division and an example of organisation in the nervous system.
Topic 3 Genetics looks at inheritance and how sexually reproducing organisms show variation in traits
Topic 4 Natural selection & genetic modification looks at how populations evolve over time and how humans have harnessed this power to modify organisms for farming and medicine
Topic 5 Health, disease & the development of medicines
YEAR 11:
Topic 6 Plant structures & their functions studies plants in depth and how they compare to other organisms
Topic 8 Exchange & transport in animals focuses on the gas exchange and cardiovascular systems of animals
Topic 7 Animal coordination, control & homeostasis looks at how hormones regulate the internal environments of animals
Topic 9 Ecosystems & material cycles looks at how the biotic and abiotic parts of an ecosystem interact

Core Textbook:



Edexcel GCSE (9-1) biology (Pearson)
ISBN; 978-1292120201

Our recommended Revision Resources:
Seneca learning
Carousel learning

Revise Edexcel GCSE (9-1) revision guide
Higher ISBN; 978-1292131719
Foundation ISBN; 978-1292131740

Revise Edexcel GCSE (9-1) workbook
Higher ISBN; 978-1292131764
Foundation ISBN 978-1292131757

The teachers say: "We love teaching this course because:

"It provides such a broad look at many aspects of Biology"

"It offers students the opportunity to develop their knowledge from our fantastic KS3 curriculum"

The students say: "We enjoy this course because:

"We love how it shows so many different examples of how things work in Biology. From animals to plants to microorganisms."

"We like the challenge it gives us and how we can explain the natural world around us"

What future pathways might be open to me if I study biology?

- A-levels including biology, chemistry, environmental science, physics
- T levels including agriculture environmental & animal care, construction, engineering & manufacturing, engineering & manufacturing, health & science
- Applied general qualification in science level 3

Careers: Veterinary Science, Medicine, Nursing, Research, biochemistry, pharmacy, plants science, Crop science, agriculture, genetics, dentistry, engineering and manufacturing, health care, zoology, ecology, marine biology, environmental conservation.