



St Benedict's Catholic School

The Catholic Secondary School for West Suffolk

Biology Combined Science Curriculum Guide

Year 10

Exam Board: J250 OCR Gateway A (9-1) Combined Science

To find out more about this course, please follow the link below.

<https://www.ocr.org.uk/qualifications/gcse/gateway-science-suite-combined-science-a-j250-from-2016/>

Autumn Taught Content

Unit B2:

- Plant transport systems
- Revision of topics covered during school closure
 - Diffusion
 - Osmosis
 - Mitosis
 - Circulatory system

Unit B3:

- Nervous system
- Hormones
- Menstrual cycle
- Contraception
- Regulating body temperature & blood glucose

Spring Taught Content

Unit B4:

- Ecosystems
- Competition
- Nutrient cycles
- Decomposition

Unit B5:

- Variation
- Meiosis
- Genetic crosses

Summer Taught Content

Unit B5 cont'd:

- Natural selection
- Evolution
- Classification systems

Assessment

Students will be tested formally throughout the year. This will be once per term, in the weeks either side of the half term breaks. Students will sit papers at either Higher or Foundation tier based on previous assessment. There will also be less formal assessments at other points during the year. Students will also be regularly tested on previous material from the GCSE course through low stakes quizzes.

Homework Expectations

Students should be set homework once every fortnight. This may include completing questions, research tasks or revision for upcoming assessments.

Reading List

What if? – Randall Monroe

The incredible human journey – Dr Alice Roberts

The greatest show on earth: The evidence for evolution – Richard Dawkins

Genome – Matt Ridley