



# St Benedict's Catholic School

*The Catholic Secondary School for West Suffolk*

## Biology Separate Science Curriculum Guide

### Year 10

#### Exam Board: J247 OCR Gateway A (9-1) Biology

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

<https://www.ocr.org.uk/qualifications/gcse/gateway-science-suite-biology-a-j247-from-2016/>

Autumn Taught Content	Spring Taught Content	Summer Taught Content
Unit B2: <ul style="list-style-type: none"><li>Plant transport systems</li></ul> Unit B3: <ul style="list-style-type: none"><li>Nervous system (including the brain &amp; the eye)</li><li>Hormones</li><li>Menstrual cycle</li><li>Contraception &amp; Fertility treatment</li></ul> Regulating body temperature, blood glucose & water levels	Unit B4: <ul style="list-style-type: none"><li>Ecosystems</li><li>Competition</li><li>Biomass transfer</li><li>Nutrient cycles</li><li>Decomposition</li></ul> Unit B5: <ul style="list-style-type: none"><li>Variation</li><li>Meiosis</li><li>Genetic crosses</li></ul>	Unit B5: <ul style="list-style-type: none"><li>Natural selection</li><li>Evolution</li><li>Classification systems</li></ul> Revision of previous units

#### 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. 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