



EPCHS SCIENCE DEPARTMENT:

BIOLOGY LEARNING JOURNEY YEAR 13



Additional Information

Examination Board: AQA

Further Information:

<https://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF>

<https://www.senecalearning.com/>

Additional Support: Masterclass; Tuesdays 3pm – 4pm

Units

3.5 Energy transfers in and between organisms

Photosynthesis, respiration, energy and ecosystems, nutrient cycles.

3.6 Organisms respond to changes in their internal and external environments

Stimuli, nervous coordination, skeletal muscles, homeostasis

3.7 Genetics, populations, evolution and ecosystems

Inheritance, populations, evolution may lead to speciation, populations in ecosystems

3.8 The control of gene expression

Alteration of the sequence bases in DNA, control of gene expression, genome projects, gene technologies

End of
Year Exams

3.1-3.8 Revision

Summer
Term

**3.7 Genetics, populations,
evolution and ecosystems**

Assessments

End of topic tests periodically

**3.8 The control of gene
expression**

Spring
Term

**3.6 Organisms respond to changes in their
internal and external environments**

Assessments

End of topic tests periodically

**3.5 Energy transfers in and
between organisms**

Autumn
Term