



Higher Biology



Revision Support

This interactive document has been created to provide you with easy access to a wide range of revision materials to support you succeeding in the Higher Biology course.

You can access recorded video lessons with additional revision resources by clicking on the purple boxes of this document. Each video lesson contains resources including summary notes, key area questions, The Higher Biology Podcast and BBC Bitesize links.

Recorded Video Lesson

Learning Intention

To develop my knowledge and understanding of why it is important to have high animal welfare standards.

Success Criteria:

- ✓ State if intensive farming has lower animal welfare standards than free range farming.
- ✓ Describe the costs, benefits and ethics for intensive and free range farming.
- ✓ Identify behavioural indicators of poor animal welfare.
- ✓ Describe each behavioural indicator of poor welfare.

Resources

- Summary Note - Animal Welfare.pdf
- Past Paper Questions - Animal Welfare.pdf
- Past Paper Mark Scheme - Animal Welfare.pdf
- The Higher Biology Podcast - Animal Welfare
- BBC Bitesize - Animal Welfare

Summary Note
Key Area Questions and Answers
Higher Biology Podcast
BBC Bitesize Link

You can also access a weekly online study support session from eSgoil by registering using the following link:

Live Study Support

Monday @ 7pm

[Click to register!](#)



With any revision programme, it is important to start early and give yourself plenty of time to work through the course. This pack should complement the work provided by your teacher, and remember to ask them for help with any aspect of the course you are finding challenging - they are always there to help!

National e-Learning Offer





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DNA and the Genome

Click on the key areas below to access revision resources!



[Structure of DNA](#)

[Replication of DNA](#)

[RNA
Structure & Function](#)

[Transcription
&
Translation](#)

[Genomic Structure & Cellular Differentiation](#)

[Mutations](#)

[Evolution](#)

[Genomic Sequencing](#)

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Metabolism for Survival

Click on the key areas below to access revision resources!

[Metabolic Pathways](#)

[Role of Enzymes
in Metabolic Pathways](#)

[Metabolic Pathways
of Cellular Respiration](#)

[Cellular Respiration](#)

[Metabolic Rate](#)

[Metabolism in Conformers and Regulators](#)

[Metabolism and Adverse Conditions](#)

[Environmental Control of Metabolism](#)

[Genetic Control of Metabolism](#)

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Sustainability & Interdependence

Click on the key areas below to access revision resources!

[Photosynthesis](#)

Plant & Animal Breeding

[Part 1](#)

[Part 2](#)

[Part 3](#)

[Crop Protection](#)

[Animal Welfare](#)

[Symbiosis](#)

Social Behaviour

[Part 1](#)

[Part 2](#)

[Components of Biodiversity](#)

[Threats to Biodiversity](#)

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