BROOK 6TH FORM & ACADEMY
A UNIVERSITY TECHNOLOGY COLLEGE

A Level Biology Year 13 Curriculum Overview 2024/2025

AQA

Autumn term: 2024

Section 5 Energy Transfer

- Recap Year 12 Biology & Link to Synoptic overview
- 5.1 Photosynthesis
- 5.2 Respiration
- 5.3 Energy & Ecosystems
- 5.4 Nutrient Cycles
- RP7 & RP8

Review and EOU Test/Assessments

Section 6 Coordination & Responses

- 6.1 Survival & Response
- Summary and review
- Revision & summary:
- EOU test

Half Term

Section 6 Coordination & Responses Continued

- 6.2 Receptors
- 6.3 Control of Heart Rate
- 6.4 Nervous Coordination
- 6.5 Muscles
- 6.6 Principles of Homeostasis
- 6.7 Control of Blood Glucose
- 6.8 Control of Water potential
- RP 10 & RP 11
- Review and Recap OU Test

Christmas break

Winter term: 2025

Section 7 Genetics and Population

- 7.1 Inheritance
- 7.2 Populations
- 7.3 Evolution & Speciation
- 7.4 Populations in Ecosystems
- Field Trip RP12
- Review and Summary
- EOU Test

Half Term

Spring term: 2025

Section 8 The control of Gene Expression

- 8.1 Gene Mutations
- 8.2 Stem Cells and Totipotency
- 8.3 Regulation of Transcription & Translation
- 8.4 Epigenetic control of gene expression
- 8.5 Gene Expression and Cancer
- 8.6 Genome Projects
  Summary & Review/ Revision
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Easter break

Section 8 Continued

- 8.7 Recombinant DNA Technology
- 8.8 Differences in DNA
- Genetic Finger Printing
- Review and Revision
- Recap Year 12
- Revision & Practice for Paper 1 & Paper 2 Exams
- Essay writing revision and Practice for Paper 3