

# Biology

## Module 1

**Topic Title:** Foundations in Biology

**Brief Summary of Content Studied:**

Cell Structure  
Biological Molecules  
Nucleic Acids  
Development of practical skills

**Knowledge Organiser:**

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[BioRach youtube channel \(OCR specification\)](#)

## Module 2

**Topic Title:** Foundations in Biology

**Brief Summary of Content Studied:**

Nucleic Acids  
Enzymes  
Biological membranes  
Cell division, cell diversity and cell differentiation  
Development of practical skills

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[BioRach youtube channel \(OCR specification\)](#)

## Module 3

**Topic Title:** Exchange and Transport

**Brief Summary of Content Studied:**

Exchange surfaces & breathing  
Transport in Animals  
Transport in plants  
Development of practical skills

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[SnapRevise youtube channel](#)

# Biology

## Module 4

**Topic Title:** Exchange and Transport

**Brief Summary of Content Studied:**

Transport in plants  
Communicable diseases  
Classification & evolution  
Development of practical skills

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[SnapRevise youtube channel](#)

## Module 5

**Topic Title:** Biodiversity , evolution & disease

**Brief Summary of Content Studied:**

Classification & evolution  
Statistical tests: chi squared test ( $\chi^2$ ) to test the significance of the difference between observed and expected results; the Student's t-test; the Spearman's rank correlation coefficient.  
Development of practical skills

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[OCR A level Biology revision notes & exam practice questions](#)

## Module 6

**Topic Title:** Biodiversity , evolution & disease

**Brief Summary of Content Studied:**

Classification & evolution  
Statistical tests: chi squared test ( $\chi^2$ ) to test the significance of the difference between observed and expected results; the Student's t-test; the Spearman's rank correlation coefficient.  
Development of practical skills

[Biology A level Knowledge Organisers](#)

**Other resources and reading:**

[OCR A level Biology revision notes & exam practice questions](#)