

Subject: Biology Examination Board:
OCR Syllabus: H021
H421

Modules

Year 12: Unit 1 (F211): Cells, Exchange and Transport Unit 2 (F212):
Molecules, Biodiversity, Food and Health
Unit 3 (F213): Practical Skills in Biology 1

Year 13 Unit 1 (F214): Communication, Homeostasis and
Energy
Unit 2 (F215): Control, Genomes and Environment
Unit 3 (F216): Practical skills in Biology 2

Topics:

Year 12 Unit 1 (F211): Cells, Exchange, and Transport

- Cells
- Exchange and Transport

Unit 2 (F212): Molecules, Biodiversity, Food and Health

- Biological Molecules
- Enzymes
- Biodiversity and Classification
- Variation, Adaptation and Evolution
- Human Interactions

Unit 3 (F213): Practical Skills in Biology 1

- Internal assessment of practical skills

Year 13 Unit 1 (F214): Communication, Homeostasis and
Energy

- Communication
- Nerves and Hormones
- Excretion
- Photosynthesis and Respiration

Unit 2 (F215): Control, Genomes and Environment

- Cellular Control
- Biotechnology
- Ecosystems and Sustainability
- Responding to the Environment

Unit 3 (F216): Practical Skills in Biology 2

- Internal assessment of practical skills

Percentage of overall assessment:

Year 12:

| | |
|---|------------------------------|
| Unit 1 (F211): Cells, Exchange and Transport: | AS Level – 30% A Level – 15% |
| Unit 2 (F212): Molecules, Biodiversity, Food and Health | AS Level – 50% A Level – 25% |
| F213: Practical Skills in Biology 1 | AS Level – 20% |
| | A Level – 10% |

Year 13

| | | |
|--|---------------|-----------------|
| Unit 1: (F214): Communications, Homeostasis and Energy | A Level – 15% | Unit 2: (F215): |
| Control, Genomes and Environment | A Level – 25% | |
| F216: Practical Skills in Biology 2 | A Level - 10% | |

Terminal Assessment??

Year 12

Year 13: Dates

**Year 12: F211 June
F212 June
F213 June
Year 13: F214 June
F215 June
F216 June**

Resit dates: F211 and F212 resist January for Year 13. Other (e.g. one

non-Calc): N/A
one calc

Modules

Year 12

| Unit title | Topics | Date | Assessment method | Weighting |
|---|---|------|--|---------------------------------|
| <u>Unit 1 (F211):</u> Cells, Exchange and Transport | <ul style="list-style-type: none">• Cells• Exchange and Transport | June | 1 hour written exam | AS Level – 30% A Level – 15% |
| <u>Unit 2 (F212):</u> Molecules, Biodiversity, Food and Health | <ul style="list-style-type: none">• Biological Molecules• Enzymes• Biodiversity and Classification• Variation, Adaptation and Evolution• Human Interactions | June | 1 hour 45 minutes written exam | AS Level – 50% A Level – 25% |
| F213: Practical Skills in Biology 1 | <ul style="list-style-type: none">• Internal assessment of practical skills | | Practical and written Exam (Internal assessment) | AS Level – 20% A Level – 10% |

Year 13

| Unit title | Topics | Date | Assessment method | Weighting |
|--|--|------|--|---------------|
| <u>Unit 1 (F214):</u> Communication, Homeostasis and Energy | <ul style="list-style-type: none">• Communication• Nerves and Hormones• Excretion• Photosynthesis and Respiration | June | 1 hour written exam | A Level – 15% |
| <u>Unit 2 (F215):</u> Control, Genomes and Environment | <ul style="list-style-type: none">• Cellular Control• Biotechnology• Ecosystems and Sustainability• Responding to the Environment | June | 1 hour 45 minutes written exam | A Level – 25% |
| F216: Practical Skills in Biology 2 | <ul style="list-style-type: none">• Internal assessment of practical skills | | Practical and written Exam (Internal assessment) | A Level – 10% |

Terminal Assessment
Dates:

Other (e.g. one non-Calc): N/A
one calc