

**Subject:** Biology**Teachers:** RN/SD/CT**Exam Board:** AQA**NEWPORT GIRLS' HIGH SCHOOL****KS4 Curriculum Overview****Curriculum Intent & Organisation**

The course is single science biology, higher tier. The students acquire all the skills required for A level biology should they chose to take it. Students are mixed ability, A few sentences required: Why was this course chosen? What are the intended outcomes? How is the teaching organised - mixed ability option group / setted students etc.

**Examination Information**

Compulsory subject examined end of Year 11 with no controlled assessment

**EBACC?**

Yes / No

**P8 Bucket**

Maths/English/EBACC/Other

**Impact of Prior Learning from KS3**

KS3 learning using the scientific method to introduce content. There is a heavy emphasis on investigative skills and thinking in order to prepare the students for style of examination at the end of KS4.

**Equipment Required for this course**

- Standard classroom stationery
- Mathematical calculator

**Curriculum Implementation – Areas of Focus Year 9****Autumn Term**

- Cell structure
- Animal organisation- digestion

**Spring Term**

- Plant organisation

**Summer Term**

- Photosynthesis

**Curriculum Implementation – Areas of Focus Year 10****Autumn Term**

- Cell transport
- Animal organisation - circulation
- Infection and response

**Spring Term**

- Bioenergetics
- Nervous system

**Summer Term**

- Cell division
- Homeostatsis

**Curriculum Implementation – Areas of Focus Year 11****Autumn Term**

- Reproduction
- Evolution

**Spring Term**

- Ecology

**Summer Term**

- Exam

**Impact / Outcomes**

Learning will be assessed throughout the course by:

- Homework
- End of unit test
- Mock exam
- Exam questions in lessons

**Homework**

Exam questions  
Research  
Work sheet

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### **Ways to support learning**

- BBC Bitesize
- Use of “maths and physics tutor” website which has all the past exam papers including the legacy papers.
- Students have the loan of a school text book from year 10.

### **Field Work / Extension / Enrichment Opportunities**

- GCSE Science Live
- Lunch time drop in sessions

### **Next Steps**

The AQA A level biology course follows on from the AQA biology GCSE in terms of skill building therefore giving the students a solid basis to start KS5.

For more information, contact Mrs S Dainty, Lead Teacher of Biology.