

## **Teacher of Biology Subject and Role Summary**

Part of the Science Faculty, the Biology department is vibrant, bustling and thriving. The Biology department has six full time teachers, one part time teacher and a full time technician. The Faculty is led by Mr Neale Else and comprises the departments of Biology, Chemistry, Physics and Psychology. We have 18 full time and two part time members of teaching staff and three full time technicians. The strength of the team is at the heart of the success of the Faculty. We believe in the importance of collaborative working and strive to maintain a strong foundation upon which colleagues can build their individual approaches to teaching and learning.

In 2017 the faculty moved to a purpose-built and state of the art Science Centre. This building contains 17 laboratories, some dedicated to the teaching of A Level Biology and others which are identical, allowing any of the disciplines to be taught. Each room is fully-equipped to deliver a practical curriculum in the sciences and has an interactive projector with full media support. In addition there is an atrium teaching/break-out space which can seat up to 28 students for group work or presentations using a video wall. The department is well resourced in terms of equipment, text books and ICT provision.

In Years 7 and 8, students follow a programme of Combined Science which is overseen by a Head of Combined Science. Our in-house schemes of work give students an introduction to some of the key concepts in Biology, Chemistry and Physics as well as an introduction to investigative work.

From Year 9 upwards, the sciences are taught as separate subjects as part of a three-year course leading to the award of the Edexcel IGCSE. All students follow a course leading to the award of three separate IGCSEs.

Biology has proved to be a popular option in the Sixth Form; typically 90 students take the subject across Years 12 and 13, covering the Edexcel specification.

A Level Biology results for the last four years (first linear results in 2017)

<b>A level board: OCR A</b>		<b>Percentages</b>		
<b>Y13</b>	<b>Total</b>	<b>%A*/A</b>	<b>%A*-B</b>	<b>%A*-C</b>
<b>2017</b>	32	56	72	91
<b>2016</b>	33	70	85	97
<b>2015</b>	43	56	79	93
<b>2014</b>	45	47	76	93

GCSE Biology results for the last four years (first IGCSE results in 2016)

GCSE board: Edexcel IGCSE		Percentages	
Y11	Total	%A*/A	%A*-C
2017	107	75	96
2016	124	69	99
2015	137	53	99
2014	131	65	99

As a faculty we believe firmly in the importance of enriching students' experiences. We offer a number of opportunities outside of the curriculum including field trips and participation in the annual Biology Olympiad. There is also a thriving Science Society run by students in Years 12 and 13. This group organises events for other students within the school. Some of the members participate in a Science Outreach Programme where they work with a member of staff in promoting and supporting science in local lower schools.

In 2017 70% of A Level Biology students went on to higher education and studied a related subject.

### **The Position**

After more than 30 years of service, Mr. David Jenkins is retiring from the Biology department. We seek to appoint someone who is able to teach across the age range of the school up to and including GCE A Level.

The person appointed will be expected to contribute to the wider life of the school through our varied Co-curricular Programme.

For further details of the role please contact the Head of Biology, Mr. Robert Brand [rbrand@bedmod.co.uk](mailto:rbrand@bedmod.co.uk) or on 01234 332500.