

# <u>Science department – curriculum</u> <u>structure</u>

#### <u>Staffing</u>

The Science department at Chetham's consists of five members of teaching staff and one full-time technician. The Head of Science is the lead teacher for A-level Biology and we also have one Chemistry specialist and one Physics specialist in the department. Currently only the Head of Science is full-time but previously there have been up to three full-time members of staff and with curriculum changes the position offered may be flexible and hours negotiable.

### Year 7 and Year 8

In Years 7 and 8, students receive 2.5 hours of Science lessons a week. The programme of study includes Biology, Chemistry and Physics modules. There is an ethos of practical work being central to study in these year groups. Currently, both years are split into two groups and taught by a single teacher for all topics.

## <u>GCSE</u>

From September 2018 all students will study the AQA Trilogy Specification. To allow us to complete the course in the limited time available, the GCSE Course is started in Year 9. In Year 9, all students receive three hours of Science lessons a week. At the end of Year 9, the groups are placed into sets, with the top set receiving 3 hours of Science a week in Years 10 and 11 whilst the other groups receive 4 hours.

#### <u>A-level</u>

In the Sixth Form, students generally take Music A-level and two other academic subjects to A-level. Some very able students take Music and three other academic subjects. Each A-level course is allocated 5 hours per week. The specifications which are currently followed in the department are:

Biology AQA Chemistry AQA Physics AQA

<u>Results</u>

GCSE Results 2017

Single Science Double Science	A*/A 55% 57%	A*/C 92% 100%
A-level results 2017	A*/B	A*/E
Biology Chemistry Physics	67% 56% 75%	100% 100% 100%

Though the majority of students pursue musical studies at music colleges and universities, the department has an excellent record of helping students obtain and achieve offers to study for careers in Science such as Medicine, Biochemistry and Engineering at top universities, including Oxbridge entry.

AH/CN 0518