



## Sandwell Academy Area of Experience

### Science

Joining the Science team at Sandwell Academy provides an exciting challenge and a wide range of opportunities to inspire and engage young people in their Science education.

You will be joining an enthusiastic team of scientists who enjoy teaching the subject and are committed to innovative and engaging science opportunities for students.

#### **Key Stage 3**

Key Stage 3 is a two year programme that links closely to National Strategy guidelines on developing investigative skills and key concepts. The curriculum is well resourced and designed to enable teachers the flexibility to adapt their session planning to the needs of students in their care.

Students are taught in groups of up to 25 in modern laboratories, with technician support to provide a wide range of practical experiences. Lessons last for an entire morning or afternoon (2 hours 50 min with breaks) which provides exciting opportunities, such as extended practical work or field work.

#### **Key Stage 4**

In Key Stage 4, students follow AQA GCSE and BTEC Applied Science courses. Courses are offered that match students interests and ability. The majority of students at Sandwell Academy follow a double award route. Triple Science is studied by the most able students.

Science is a popular subject and students achieve highly on science courses. In 2016 77% of students achieved CC or higher.

#### **Key Stage 5**

Within the Science area of experience we deliver OCR courses in GCE Applied Science, Biology, Chemistry, Health and Social Care, Psychology and Physics. As a member of the science team you will be expected to teach A level subjects linked to your specialist knowledge and background.

A level numbers are very good with large numbers of students wishing to pursue science related careers.