The Science Academy

The leadership of the Academy is organised under an overall Academy Leader and two Assistant Academy Leaders. Overall there are 8 teaching staff and we are supported by two technicians.

The Academy is housed in a science suite, based on two floors of a four-storey block with eight fully equipped laboratories and a classroom with an ICT suite. To support teaching and learning within Science at Maghull High School we have two preparation rooms and a science workroom with ICT and photocopier facilities.

Facilities in Science have undergone intensive refurbishment and provide excellent teaching and learning opportunities. Each laboratory has full gas and water facilities, PC and data projector, a TV and members of the Faculty receive an IPad to facilitate use of technology in the classroom.

The vision of the Science Academy is to engage young people in science and develop scientists of the future. To facilitate this we provide a stimulating and exciting learning environment where the teaching is creative, challenging and supportive, empowering students to learn independently and achieve to the very best of their ability. We wish to offer the highest standards including quality resources within a safe, comfortable environment. This vision, shared by all in the Academy, has produced a collaborative working environment that has led to significant improvements in results, with this year’s predictions showing further improvement.

In a recent Ofsted inspection (June 2016), teaching was judged to be good, leadership and management good and behaviour and safety good. Science was highlighted throughout the report with comments such as; “…lessons provide a real wow factor so that pupils are fascinated and engaged”, “teachers are improving literacy…and promoting numeracy…especially in Science”.

We follow an in-house written KS3. A variety of pathways are offered at KS4 including AQA Trilogy and Single Sciences in Biology, Chemistry and Physics. In Years 7 and 8 pupils are set according to ability with a large focus on key scientific principles and skills to enable a smooth transition to KS4 study. We have a strong extracurricular focus with Science Club and facilitate visiting scientists throughout the year to inspire and engage all pupils.

A range of courses are offered at KS5 within the Science Faculty to enable pupils to follow a path best suited to their aspirations. These include A levels in Biology, Chemistry and Physics and Level 3 BTEC in Applied Science and Health and Social Care. Uptake of all courses at KS5 is good and continuing to expand.

Mrs Cheryl Smith

Science Academy Leader