



## Subject overview

### Science

At Welburn, every learner has the opportunity to access this exciting and integral subject. Through our curriculum we want to inspire learners to observe and question the world around them. Whether it's beneath the Earth's surface, or above us in space, learners will develop their understanding of the various scientific processes that so heavily shape our lives. Learners will use their burgeoning scientific knowledge to develop and deliver scientific experiments. This will encourage learners to become scientists themselves!

For our Semi-Formal class, the Science units are taught using a cross curricular themed approach, through curriculum areas such as 'Understanding the World' and 'My thinking and problem solving'. Learners work on cross curricular priority areas of learning, including those milestones central to a pupil's EHCP. The units enable learners to access a wide range of creative and exciting planned activities to extend and build on known interests and motivations. Planning and delivery focuses on all aspects of communication, personal outcomes and engagement through the themes.

For our Formal classes, learners access even more complex scientific topics alongside more demanding scientific practical experiments. Learners are encouraged to consider science across the curriculum and recognise the presence of science in all aspects of the timetable. The work will focus on enflaming learners' interests and providing them with knowledge and skills to support their needs and their journey towards adulthood. Communication and personal/social development remain an integral part of all delivery.

#### Qualifications in Science

Our Formal learners in KS4, in Years 9-11, can study OCR Entry Level Science (Entry Level 1 – Entry Level 3).

Learners are assessed via 36 mini exams and a practical write up.