

## Mathematics Policy 2022

Our Vision is for all students to be able to have the opportunity to succeed. In particular using Mathematics to support them in their everyday life, both now and in the future.

Our Vision is for every student to leave Beaucroft with a qualification in Mathematics. Appropriate students will achieve Personal Progress, through ASDAN, while others achieve Functional Skills from Entry 1 to Level 2 depending on their ability. This is to celebrate their success whilst informing others within a meaningful accreditation framework.

The Curriculum will be based around needs, skills and in some aspects age and will be reflective on the type of Learning Model that a student will be accessing. The various curriculums up to and including Key Stage 3 will be; The Early Years Foundation Stage, Pre- Number Skills, Pre-Key Stage 1 Standards and the National Curriculum. This will be further enhanced by an emphasis on real life, practical scenarios and Problem Solving. Maths will be seen in fewer subject specific lessons and increasingly in all aspects of a student's life in Beaucroft from Dance/Drama and PE to Sensory play and learning to learn. This cross-curricular approach is a vital step in concreting students understanding the links of the world around them. Post 16 students will follow the Adult Core curriculum.

Our Vision is for all students to be assessed in a realistic and functional way. This is achieved through Connecting Steps, Individualised targets and on their personalised Learning Journeys that are linked to their EHCP. This assessment will help inform teachers, parents and students of not only where students are but on what steps to take next and for the future.

All students learn in different ways, so the skilled teacher at Beaucroft will teach and support students particularly using individualised programmes that centre on their needs, including Preparation for Adulthood. The use of interpersonal skills will be key, as communication not only feeds back student's achievements and strengths but also helps inform the teacher in areas that need developing or misconceptions. Communication also enables the teacher to develop their own teaching style to suit the individual.

Students will be engaged through these approaches. This engagement will result in them working on their own, pairs and groups with an emphasis on developing their practical skills. Ever changing technology features heavily in the lives of modern students. Our students will have the opportunity to access these powerful resources, and to use technology in supporting their understanding and communicate their mathematics.

Our Mathematics Vision is to achieve this using a spectrum of strategies that include multimedia, visual and practical tools not only in a specific Mathematics lesson but across the curriculum.