

MATHEMATICS



Intent:

To provide our young people with a foundation for understanding number, reasoning, thinking logically and problem solving with resilience so that they are fully prepared for the future. For our young people to know that maths is essential to everyday life and is found within many careers' paths and employment. To develop as confident mathematicians who are not afraid to take risks. To ensure that our young people are able to gain the highest level of qualification that they can during their time with us.

Implementation:

Essential number work lays the foundation for the other strands of the National Curriculum 2020 for mathematics: algebra, ratio, geometry and measures, probability and statistics. Young people in Year 7 - 11 have a wide range of starting points in terms of the maths content they have studied and the academic levels they have reached; planning for lessons is adapted to account of this. We follow White Rose mathematics schemes of learning, and each unit is differentiated to take account of the differing starting levels. Young people also follow the Renaissance Accelerated Maths programme and use Maths Watch resources to supplement their onsite maths lessons and their extended learning tasks. As part of induction, each student is assessed using BKSB online assessment tool.

Impact:

As a result, young people are able to access Functional Skills and GCSE qualifications by the time they reach Year 11 and gain the highest level of qualification they are able to achieve. Gaps in knowledge, understanding and skills are identified and young people are supported to address these. Links to the 'real world' and the 'world of work' are achieved.