

MATHS INTENT

INTENT

- A dynamic curriculum that is taught explicitly as well as integrated into projects.
- A coherent framework that does not limit student's ambitions
- The Programmes of Study are designed to build fluency, reason mathematically and solve problems.
- Learning is personalised and centred around the student to ensure EHCP outcomes
- Provide appropriate challenge to maximise engagement and enjoyment
- Key mathematical knowledge and skills are developed with a focus on understanding vocabulary to build a solid foundation.
- A mastery approach to teaching
- To foster a positive attitude towards maths.
- To view mathematics as part of everyday life.

IMPLEMENTATION

- Range of inclusive teaching strategies are employed for accessibility
- Students are given a range of tasks including spoken, written, practical and digital.
- All four strands are covered in an academic year
- Financial literacy opportunities students are given to gain confidence
- Baselines to identify strengths and areas of development
- End of topic assessments
- Regular feedback through formative assessments to address misconceptions and inform planning
- Learning Goals set termly
- Learning is paced and personalised.
- CPA approach to understanding
- Adapting a range of programmes of study and covering content to build knowledge and skills, including White Rose Hub, Entry Level, Functional Skills and GCSE

IMPACT

- To re-engage with purposeful learning
- Students are able to solve problems through the application of mathematical concepts
- Students can follow a line of enquiry and develop/present a justification
- Development of character, including resilience so that they contribute positively to their local community and the wider environment
- Confidence in using mathematical vocabulary
- Develop new skills through a variety of interesting contexts
- Gaining of confidence in their own financial and numerical understanding
- Increased enjoyment of mathematics and better understanding of it's importance for functional living