Maths

Introduction

Maths Aim

The development of mathematical skills is essential in giving pupils the opportunity to lead adult lives of greater independence.

Through its teaching we hope to develop in our students an understanding of the value of mathematical knowledge and its relevance to everyday life.

The 3 key areas focused on for each pupil are…

1. The development of Number skills,
2. The development of confidence using Space Shape and Measure and
3. Using and applying maths skills in practical situations.

Implementation

Maths

Our students will be **taught in a calm way and at an appropriate cognitive level.** Pupils will experience maths through a variety of different ways with the emphasis on active, practical and fun based learning. Maths as a core subject is given a huge priority in a child's timetable and Lower School pupils will follow either the EYFS, Primary Numeracy Strategy or National Curriculum programmes of study.

Students in Upper School generally follow a course of study based on ASDAN, AQA Entry Level Certificate units of work in Mathematics and GCSE programmes where appropriate. The Numeracy Strategy is used to assist planning and teaching where appropriate.

In Upper School pupil progress is also recorded either by outcomes of ASDAN Entry Level Certificate of work and/or GCSE accreditation.

Planning and Assessment

Maths is planned and delivered according to individual pupil need. Each pupil on entry is assessed and given a baseline assessment and teachers plan lessons to develop individual pupil progress according to the National Curriculum. Regular assessments and monitoring of progress are recorded using a common agreed record keeping system will be used in all key stages to record pupil progress. In Upper School pupil progress is also recorded either by outcomes of ASDAN/ Entry Level Certificate of work/or GCSE accreditation.

Cross Curricular links

Maths and the understanding of maths is such a key skill to encourage independence that every opportunity is used to further mathematical understanding. In particular Food Technology, Travel Training and ICT have close links.

Resources
Our Resource bank is always developing, supporting the topics covered.
Examples of what we have so far include:
3D models and shapes
Interactive White Board Activities
IPAD resources tailored to individual need
Money resources
Measuring equipment
Games
Our resources are bought with the intention to support a range of students and individuals.

Consulting Parents and Pupils
As a core subject Parents and pupils are regularly informed of pupil progress and pupil achievements are regularly shared with other pupils in assemblies and in class.
Maths levels are shared with parents on ILPs that are sent home half termly and parents have both Annual Review Meetings and Parents evenings to discuss progress in maths. Parents are also encouraged to contact teachers if they have a concern and a regular home school dialogue between home and school is encouraged through the use of home-school books where maths progress can be reported also.

Accreditations
Pupils will have the opportunity to study courses in Upper School leading to nationally recognised qualifications including ASDAN, AQA Entry Level Certificate units of work in Mathematics and GCSE programmes