



NOTES:



Numeracy Policy

Numeracy:

A numerate pupil is one who has the ability to cope confidently with the mathematical needs of adult life. There should be an emphasis on the wider aspects of numeracy and not purely the skills of computation. (Cockcroft 1982)

Mission Statement:

The Cornerstone Academy is committed to raising the standards of numeracy of all its students; we want our students to be confident and capable in the use of numeracy to support their learning in all areas of the curriculum and to acquire the skills necessary to help achieve success in further education, employment and adult life.

Our **aim** is to raise the progress and achievement of all students by seeking to develop their numeracy skills by consistent and accurate application across the curriculum.

Numeracy is a **key skill** in students' learning and all students are entitled to quality experiences in this area. The teaching of numeracy is the responsibility of all staff and the Academy's approaches should be as consistent as possible across the curriculum.

We need to:

1. Raise standards of numeracy for all students, particularly those performing below the national average.
2. Make numeracy teaching an integrated part of every curriculum area
3. Improve: accuracy in measurement, calculation and graphical work interpretation and presentation of graphs, charts and diagrams improve reasoning and problem solving (KS3 NNS)

The Academy will:

- Provide targeted INSET on how to facilitate the numeracy tutor sessions
- Create a positive and attractive environment which celebrates numeracy through the use of rockstars, merits and sparx.
- Provide numeracy intervention to students achieving below the national average.
- Monitor the delivery and impact of numeracy intervention
- Ensure that any numeracy-based learning objectives are supported by the maths team in all subjects to ensure consistency of understanding and application across the curriculum.



Each subject will:

Contribute to the raising of numeracy standards within their curriculum area by:

- Attempting, where appropriate, to incorporate numeracy into schemes of work
- The provision of high-quality exemplar materials

All teachers will:

- Where skills are taught use a consistent approach informed by the Academy maths teacher.
- Have the highest expectations of the students and ensure that the numerical content is of a high standard
- Discourage students from writing down answers only and encourage students to show their numerical working out within the main body of their work
- Encourage the use of estimation particularly for checking work
- Encourage students to write mathematically correct statements
- Allow and encourage students to vocalise their maths
- Help students to understand the methods they are using or being taught – better than learning by rote
- Encourage students to use non-calculator methods whenever possible
- Encourage students to use the correct language e.g. Use the word mean rather than average
- Deliver a maths / numeracy task once a week during tutor time through the use of Rockstars and starter grids in line with Maths department SOW

Monitoring:

Will take place in a variety of ways:

- As a focus during line management meetings
- Lesson / tutor observations and work scrutiny
- Reviewing subject SOW's as they are produced and developed
- Ongoing analysis of KS3 & KS4 maths results
- Monitoring and tracking of Numeracy intervention results from Access Maths tests and teacher feedback.