

Numeracy Policy



Believe, Succeed, Together

Date Reviewed	August 24
Date Ratified by Governing Body	September 2024

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1.0 Definition

Numeracy is *'the ability to communicate and think quantitatively, to make sense of details and facts, develop special awareness, and understand patterns and sequence, to understand mathematical reasoning in solving problems'*.

2.0 Policy Aims

2.1 Curriculum Intent

In respect to numeracy, the Academy's curriculum intent states the following:

'To provide opportunities for all pupils to develop a high level of literacy and numeracy required for success in adult life'.

2.2 CREATE Curriculum

Enhancing transferable numeracy skills across the curriculum is a key part of the CREATE curriculum.

CREATE Element	Description
Challenge	Stretch and extend learning to foster a deeper understanding beyond the content of the National Curriculum and GCSE specifications.
Regulate	Plan, monitor and evaluate specific aspects of learning to foster greater responsibility and independence – DRAFT.
Enhance	Consolidate and develop transferable literacy and numeracy skills.
Adapt and Assess	Adapt teaching to take account of different pupils' needs and provide an opportunity for all pupils to achieve. Undertake regular in-class assessment to monitor strengths and highlight specific areas for improvement.
Target	Consolidate identified strengths and develop and overcome areas for improvement.
Enrich	Enhance physical and emotional wellbeing; develop social, spiritual, moral and cultural capital; and provide opportunities and experiences to successfully transition to the next stage from secondary education.

2.3 Expectations

As a minimum, pupils should be able to:

- Recall number facts.
- Use standard mathematical methods. Where pupils use an alternative method, they must be able to communicate this clearly and effectively.
- Use standard mathematical vocabulary in both oral and written work to explain their strategies and methods.
- Adopt a systematic approach to problem solving.
- Estimate and judge the reasonableness of their solutions.
- Use calculators and other ICT resources appropriately and effectively to solve mathematical problems.
- Present ideas and data in the form of charts, graphs and tables.
- Interpret, describe and explain their work and formulate conclusions.

3.0 Strategy

In achieving the Academy's aim, a range of numeracy strategies derived from the resources below and internal expertise have been incorporated into a **Numeracy Guide** produced by the Mathematics Department. Whole staff CPD is provided on an annual basis and monitored through lesson observations and work scrutinies.

- [Home | National Numeracy](#)
- [EEF Improving Mathematics Guide](#)
- [EEF Improving Mathematics - Self Assessment Guide](#)
- [Numeracy Ninjas](#)
- [Maths Watch](#)
- [Method Maths](#)
- [MyMaths](#)