Numeracy Policy

The Eastwood Academy

Believe, Succeed, Together

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Contents

1.0 Definition 3
2.0 Policy Aims 3
2.1 Curriculum Intent 3
2.2 CREATE Curriculum 3
2.3 Expectations 4
3.0 Strategy 4

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.**
Assess	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