



Hope Academy

A joint Catholic & Church of England Academy

NUMERACY POLICY

Mission Statement:

“A community of learners of all ages from the local area committed to mutual service where all can flourish, be their best and work for the common good to the glory of God and his creation.”

APPROVED	22 nd January 2013		
REVIEW DATE			
SIGNED PRINCIPAL		PRINT NAME	
SIGNED CHAIR OF GOVERNORS		PRINT NAME	

Definition

Numeracy is a life skill. It is a proficiency that is developed not just in Mathematics but also across the whole curriculum. Numeracy involves learners having the confidence and competence to use numbers and measures. It requires an understanding of the number system, recalling Mathematical techniques and an ability to solve problems in a variety of contexts. A practical understanding of graphs, charts, tables and diagrams is an important part of numeracy.

We believe that every child can become a numerate adult – with skillful teaching in school and encouragement at home. (Mathematics made to measure, Ofsted 2012)

At Hope Academy, we are committed to developing the numeracy skills of our learners, in the belief that it will support their learning, enabling them to access the whole curriculum and, in turn, raise standards for all.

It is important to recognise that **all teachers** are teachers of **numeracy**. It is the key for academic success and the long-term sustainable improvement in pupil attainment.

Aims

- To adopt a whole-school approach to Numeracy across the curriculum in order to raise standards of attainment for all learners.
- To recognise the importance of Numeracy in all subjects across the curriculum.
- To identify similarities and differences in Mathematical teaching in different curriculum areas and develop a common approach.
- To encourage staff to take responsibility for the development of numeracy in each subject area.
- To raise staff and pupil awareness of key Numeracy strategies through whole school inset time.
- To encourage learners to transfer Mathematical skills and apply them in everyday and unknown contexts.

Strategies for ensuring progress against these aims

- All departments have a responsibility for identifying aspects of their schemes of work that contribute to raising standards of Numeracy and highlighting these aspects, in their planning and making them explicit to learners.
- All staff should encourage and promote the use of problem solving.
- Raise the profile of Mathematics throughout the school promoting the use of numbers and measures whenever possible.
- Learners identified as gifted and talented will be provided with opportunities to extend and develop their understanding.
- Learners will be assessed in year 7 to identify low levels of Numeracy these pupils will then take part in an intervention programme to raise standards.
- Numeracy representative from each department who will meet with the Numeracy coordinator. They will be responsible for circulating strategies and providing feedback at meetings.

All Staff

- Adopt a consistent approach to teaching numeracy skills.
- Be familiar with and use strategies to equip students with numeracy skills for life.
- Indicate in schemes of work where numeracy skills are taught.

Teachers of Mathematics

- Encourage the use of mental work in the classroom and frequently ask learners to explain their answers. Providing opportunities for learners to discuss enabling them to share and compare ideas.

- Question learners on strategies undertaken and promote the use of problems solving. Discuss efficiency of calculations encouraging learners to develop their own methods.
- Regularly ask learners to consider 'rough' answers and invite them to estimate using these to provide a suitable check for their answers.
- Encourage the learning of facts and skills providing learners with opportunities to practice times tables.
- Use diagrams and equipment to aid understanding when possible.
- Use Mathematical words often to familiarise learners with their meanings and to develop their understanding.
- Support and encourage the use of the Numeracy policy throughout.