



ST JOHN THE BAPTIST'S COLLEGE

NUMERACY POLICY

Rationale

It is our understanding that the term numeracy brings with it connotations of real life applications and the use of mathematics as a natural tool throughout the curriculum, rather than something set apart. As such Numeracy is a key skill in the curriculum and also a life skill.

The promotion and development of Numeracy, while mainly the responsibility of the Mathematics department, should be seen as the concern of all teachers.

Definition

Drawing on the definition, accepted by the SELB, we feel that it reflects our understanding of Numeracy.

"Numeracy means knowing about number and number operations. More than this, it requires an ability and inclination to solve numerical problems, including those involving money or measures. It also demands familiarity with the ways in which numerical information is gathered by counting and measuring, and is presented in graphs, charts and tables. It relates to a sense of shape and movement."

Aims

To make all teachers aware of the Numeracy content within their subject area.

To equip every student with the Mathematical/Numeracy skills which are required across the curriculum.

To help students see the mathematical links across the curriculum and to apply their knowledge and skills in a variety of contexts.

To enable every student to become a 'confident and competent written and oral mathematician', at their own level of ability.

To prepare pupils for situations in adult life where Numeracy is an integral part of the activity.

To address underachievement.

To work closely with the SENCO to assist Numeracy needs for special needs pupils.

Objectives

To provide a visual display of Numeracy including the work of the pupils.

To provide teachers with a list of available software that may enhance the teaching of Numeracy.

To relate the Numeracy content to real life situations.

To encourage pupils to have a more positive attitude to the application of Numeracy in the curriculum at their own level.

To develop links with the main feeder Primary school in the daily teaching of Mathematics.

Organisation and Methodology

Organisation

The Numeracy team /Mathematics Department

Numeracy Co-ordinator – Mrs A Hughes

Teachers of Mathematics - Mrs A Hughes
 Mrs C McConville
 Mrs Carolan

The Numeracy team has used the following methodologies to carry out their aims:

- Meet with several Heads of Department to highlight the Numeracy content of their subject.
- Take responsibility for improving Numeracy across the curriculum.
- Make an awareness of Numeracy content in our curriculum through visual displays in classrooms and corridors.
- Use Sports Day as a Numeracy event that develops
- Develop Numeracy in a competitive setting by providing KS3/ KS4 puzzles.

Role of Co-ordinator

To co-ordinate and oversee the development of the Numeracy Action Plan with the assistance of the Senior Management Team. This will involve liaison with:

Heads of Department
Senior Management
S.E.N.C.O

Resourcing

Resources for the delivery of Numeracy are stored both centrally and in classrooms. Everyday basic equipment is kept in classrooms. Additional equipment is kept in classrooms and topic specific items are stored centrally.

Materials are constantly up-dated as new and relevant items become available. The Head of Maths and Numeracy Co-ordinator orders new resources after consultation with Senior Management.

A list of all the mathematical resources which can be used for the development of Numeracy can be obtained from the Head of Mathematics.

Time

Numeracy Team meetings will be held during directed time.

Monitoring and Evaluating

To ensure that the objectives laid out are being implemented, it is important that monitoring and evaluating is on-going and regular.

Increased Numeracy awareness will be monitored by effective displays, including pupil's work throughout the school and in class- rooms.

Schemes of work will have all the relevant Numeracy content high- lighted and addressed and where appropriate suitable IT information included.

The school will monitor the effectiveness of a pupil's progression in Numeracy/Mathematics by the use of standardised testing (PIMs). This will be done at the start and at the end of each academic year

Mental Mathematics

In order to achieve the objectives of the new Numeracy Framework it is our intention to build into our mathematics schemes of work a programme for Mental Mathematics, from the Mental Mathematics Strategies. This will involve a time commitment of one lesson every two weeks.

Constant and frequent reinforcement of different mental strategies can be done at any time during lessons.