

STOKE NEWINGTON SCHOOL

Numeracy Policy

Numeracy is an ability to use numbers and measure. It requires an understanding of the number system to solve problems in everyday life. It also demands understanding of ways in which information is collected by counting and measuring and is presented in graphs, diagrams, charts and tables.

You are numerate if you can:

- Use numbers and measures
- Understand the number system
- Solve number problems in a variety of ways and different situations
- Understand how information is gathered by counting and measuring
- Understand how information is presented in graphs, diagrams, charts and tables

As a teacher you can help students by promoting a positive attitude to numeracy and their learning of it.

A confident numerate student will be able to:

- Have a system of the size of a number and where it fits into the number system
- Know by heart times tables, number bonds, doubles and halves
- Use what they know by heart to figure out answers mentally
- Use mental and pencil and paper methods, accurately and efficiently
- Know when and when not to use a calculator
- Know when to recognise and apply the four basic operations
- Show correct methods and mathematical language
- Be able to estimate and approximate answers to calculations
- Know when to use correct units of measurement
- Read and interpret numbers in graphs, diagrams, charts and tables.

Aims

1. To improve basic numeracy amongst all students.
2. To give students the opportunity to develop and apply number skills in all areas of the curriculum in order to show they are essential life skills.
3. To enable students to have the ability to communicate through numbers, using mental arithmetic agility, “survival” estimates, the use of calculators and to understand that data can be presented in a variety of ways in order to support or oppose different points of views.
4. To offer opportunities for teachers, parents and students to work together and to contribute to raising achievement.
5. To emphasise through displays, assemblies, visits, parents’ meetings that Stoke Newington School has a positive number culture.
6. To provide opportunities for INSET and development activities so that staff are confident in contributing to the development of students’ numeracy skills.

7. To understand that all staff have a responsibility in developing and promoting a common approach across all departments for the development of all aspects of the numeracy policy.

Chair's Signature: _____ Date: _____

Name: Ms Caroline Stagg

Previous review date - Autumn 2011
This policy review date - Spring 2014
Next review date - Spring 2017