

Dated August 2016

Islamia Girls School/Brondesbury College "The School"

Numeracy Policy

CONTENTS

CLAUSE		PAGE
1	INTRODUCTION	2
2	RESPONSIBILITY FOR ALL STAFF.....	2
3	ENCOURAGING STUDENTS.....	2

1. Introduction

The use of number is a core skill which needs to be developed throughout the curriculum experienced by all our students. While the actual mathematical content will be covered in mathematics lessons, it is the responsibility of our staff to develop students' numeric skills as they occur naturally, so that students will feel confident to employ their skills in familiar and unfamiliar situations.

2. It is the responsibility for all staff to:

- 2.1 Build numeracy skills throughout a student's time at School, in order to fully prepare them to leave School as numerate adults
- 2.2 To contribute to the development of mathematics skills where situations arise naturally
- 2.3 Encourage discussion between students and students/staff the choice and suitability of numerical strategies employed
- 2.4 Encourage and support the development of the understanding of mental methods and the usefulness of partitioning numbers in ways other than tens and units
- 2.5 Boost students' confidence in using number
- 2.6 Carefully explain terminology

3. Within learning situations, the students should be encouraged to:

- 3.1 Have a sense of the size of a number, and its place in the number system
- 3.2 Know number facts such as bonds, timetables, doubles and halves
- 3.3 Use what they know by heart to figure out answers mentally
- 3.4 Calculate accurately, both mentally and with pencil and paper, drawing out a range of calculation strategies
- 3.5 Recognise when to use a calculator and then do so competently
- 3.6 Make sense of number problems and recognise the sequence of operations needed to solve them
- 3.7 Be able to explain their method and reasoning, using correct mathematical terms
- 3.8 Suggest suitable units for measuring and make sensible estimates of measurements
- 3.9 Explain and make predictions from numbers in graphs, charts and tables

Please refer to the Schools Internal Procedures for a more detailed instruction.

This policy should be read in conjunction with the School's Curriculum Policy.